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# SURFACE OBSERVATION CLIMATIC SUMMARIES

FOR  
HOMESTEAD AFB, FL

Prepared by

OL-A, USAFETAC  
ASHEVILLE, NORTH CAROLINA  
28801-2723



JANUARY 1990

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- 12A. DISTRIBUTION/AVAILABILITY STATEMENT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.
13. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A, USAFETAC CLIMATIC DATABASE.
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## PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCS (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCS NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SFCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCS." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.



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## INTRODUCTION

### STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: JAN 79 - DEC 88 (AIRWAYS).

SUMMARY OF DAY DATA: FEB 43 - SEP 44, JUN 56 - DEC 88 (FULL TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST.

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

### TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AWS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

\* UTC REPLACED GMT ON 1 AUGUST 1988

STATION NO. ON SUMMARY 722026		STATION NAME HOMESTEAD AFB, FL		LATITUDE N 25 29		LONGITUDE W 080 23		FLD ELEV (FT) 7		CALL SIGN HST		WMO NMBR	
STATION LOCATION AND INSTRUMENTATION HISTORY													
Nmb of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location		LATITUDE	LONGITUDE	Elev Above MSL		OBS PER DAY				
			From	To			FLD (FT)	BARO (FT)					
1	Homestead AAF, FL	AAF	Feb 43	Sep 44	N 25 29	W 080 23	7	9	24				
2	Same	AAF	May 45	Nov 45	Same	Same	Same	Same	24				
3	Deactivated		Dec 45	May 56									
4	Homestead AFB, FL	AFB	Jun 56	Feb 63	Same	Same	7	10	24				
5	Same	AFB	Mar 63	Dec 70	Same	Same	Same	10.5	24				
6	Same	AFB	Jan 71	Jan 88	Same	Same	Same	Same	24				

  

Nmb of Loc	Date of Change	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIP- MENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Feb 43	Ctr of S leanto of S hangar	Anemometer	None	54 ft	
2	Jun 56	1800' SSE of wea stn	AN/GMQ-11	RO-2	17 ft	
3	Jul 57	600' S of stn next to rnwy	Same	Same	10 ft	
4	Mar 58	1800' SSE wea stn, 800' N rnwy	Same	Same	17 ft	
5	Mar 63	3000' SW of ROS on rwy 05/23	Same	Same	Same	
6	Oct 66	1. Rnwy 05: 500' NW of ctrln & 1500' NE of end of rnwy	Same	Same	15 ft	
		2. Rnwy 23: 500' NW of ctrln & 1500' SW of end of rnwy	Same		15 ft	
7	Mar 68	Same	Same	Same	13 ft	
8	Mar 69	Same	AN/GMQ-11	RO-362	15 ft	
9	Feb 72	1.500' NW of ctrln, 800' down rnwy 06	AN/GMQ-20	Same	13 ft	
		2.500' NW of ctrln, 1200' down rnwy 23	Same		13 ft	
10	Jan 88	Same	Same	Same	17 ft	

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	AAAAAA
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTTT	AAAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPPP	AA AA	RRRRRRRR	TT	AA AA
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	AAAAAAAAAA
PP	AAAAAAAAAA	RR RR	TT	AAAAAAAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWIN DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTION TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.5	3.1				3.1	9.1	3.0			15.3	930
03-05	.4	2.9				2.9	17.4	2.9			23.2	930
06-08	.4	2.9				2.9	23.0	10.3			36.2	930
09-11	.3	2.5				2.5	9.4	20.3			32.2	930
12-14	.2	3.4				3.4	2.0	9.6			15.1	930
15-17	.1	3.7				3.7	2.2	5.8			11.6	930
18-20	.2	2.9				2.9	2.4	5.3			10.5	930
21-23	.5	3.4				3.4	4.5	4.5			12.5	930
ALL HOURS	.3	3.1				3.1	8.8	7.7			19.6	7440

MONTH: FEB

00-02		3.4				3.4	5.5	4.6			13.5	849
03-05		2.7				2.7	12.2	5.8			20.7	849
06-08	.1	3.9				3.9	22.7	10.8			37.5	849
09-11	.1	4.8				4.8	7.7	19.8			32.3	849
12-14	.2	4.0				4.0	.9	7.2			12.1	849
15-17	.4	5.9				5.9	1.6	4.0			11.5	849
18-20	.4	4.5				4.5	1.5	4.5			10.5	849
21-23	.1	4.4				4.4	3.1	3.7			11.1	849
ALL HOURS	.2	4.2				4.2	6.9	7.5			18.7	6792

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.2	3.2				3.2	3.1	4.0			10.3	930
03-05	.2	3.5				3.5	8.5	4.3			16.3	930
06-08	.5	3.9				3.9	16.3	13.3			33.5	930
09-11	.3	3.7				3.7	3.5	17.7			24.9	930
12-14	.5	4.4				4.4	1.5	9.2		.1	15.3	930
15-17	.5	4.4				4.4	1.3	3.9		.2	9.8	930
18-20	1.0	3.5				3.5	1.0	2.9			7.4	930
21-23	.4	2.5				2.5	1.0	3.2			6.7	930
ALL HOURS	.5	3.6				3.6	4.5	7.3		.0	15.5	7440

MONTH: APR

00-02		1.4				1.4	4.0	3.3			8.8	900
03-05	.3	2.4				2.4	6.9	3.4			12.8	900
06-08	.9	2.9				2.9	12.3	18.7			33.9	900
09-11	.4	3.				3.1	1.3	15.3			19.8	900
12-14	.8	3.1				3.1	.3	8.6			12.0	900
15-17	1.8	3.7				3.7	.7	5.3			9.7	900
18-20	1.3	3.4				3.4	1.0	5.2			9.7	900
21-23	.9	2.9				2.9	1.4	2.8			7.1	900
ALL HOURS	.8	2.9				2.9	3.5	7.8			14.2	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECCRD: JAN 79 - DEC 88  
MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.5	2.2				2.2	2.6	4.2			8.9	930
03-05	.9	4.5				4.5	5.6	6.3			16.5	930
06-08	1.4	4.5				4.5	8.5	15.9			28.9	930
09-11	1.8	4.6				4.6	1.3	12.6			18.5	930
12-14	4.1	5.3				5.3	.3	8.6			14.2	930
15-17	4.5	6.0				6.0	.4	3.8			10.2	930
18-20	3.1	5.6				5.6	.5	3.0			9.1	930
21-23	.5	3.5				3.5	.4	2.4			6.3	930
ALL HOURS	2.1	4.5				4.5	2.5	7.1			14.1	7440

MONTH: JUN

00-02	1.2	3.7				3.7	.1	3.2			7.0	900
03-05	2.7	4.7				4.7	1.6	4.2			10.4	900
06-08	1.8	5.8				5.8	4.4	8.8			19.0	900
09-11	4.0	8.0				8.0	1.2	9.6			18.8	900
12-14	10.2	9.8				9.8	1.0	8.7			19.4	900
15-17	9.4	10.0				10.0	1.1	4.6			15.7	900
18-20	4.0	6.2				6.2	.7	3.0			9.9	900
21-23	2.6	4.2				4.2	.9	2.8			7.9	900
ALL HOURS	4.5	6.5				6.5	1.4	5.6			13.5	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	2.3	3.5				3.5	.8	2.0			6.3	930
03-05	3.1	3.7				3.7	.5	2.9			7.1	930
06-08	1.7	4.3				4.3	1.3	8.2			13.8	930
09-11	4.2	5.8				5.8	.2	8.0			14.0	930
12-14	7.6	7.2				7.2	.1	7.2			14.5	930
15-17	8.7	8.1				8.1		4.5			12.6	930
18-20	5.6	4.7				4.7	.1	3.2			8.1	930
21-23	3.2	4.4				4.4	.2	2.8			7.4	930
ALL HOURS	4.6	5.2				5.2	.4	4.9			10.5	7440

MONTH: AUG

00-02	1.9	3.5				3.5	.1	2.8			6.5	930
03-05	3.0	4.6				4.6	1.0	3.3			8.9	930
06-08	3.1	6.1				6.1	3.0	6.3			15.5	930
09-11	2.7	6.9				6.9	.1	9.8			16.8	930
12-14	6.9	5.1				5.1	.5	9.6			15.2	930
15-17	8.3	8.9				8.9	1.0	5.9			15.8	930
18-20	4.4	5.7				5.7	.8	4.3			10.8	930
21-23	3.4	4.4				4.4	.3	2.8			7.5	930
ALL HOURS	4.2	5.7				5.7	.8	5.6			12.1	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	2.2	5.9				5.9	1.9	1.7			9.4	900
03-05	2.2	4.8				4.8	2.9	2.1			9.8	900
06-08	2.7	4.3				4.3	5.0	4.7			14.0	900
09-11	3.3	6.3				6.3	.4	5.2			12.0	900
12-14	6.1	10.0				10.0	.7	4.7			15.3	900
15-17	5.7	9.8				9.8	.7	2.3			12.8	900
18-20	3.7	7.1				7.1	.9	2.6			10.6	900
21-23	2.2	4.8				4.8	.6	1.8			7.1	900
ALL HOURS	3.5	6.6				6.6	1.6	3.1			11.4	7200

MONTH: OCT

00-02	1.0	3.3				3.3	2.4	2.8			8.5	930
03-05	1.1	2.8				2.8	6.1	2.9			11.8	930
06-08	.2	3.7				3.7	11.2	10.0			24.8	930
09-11		4.1				4.1	1.5	12.4			18.0	930
12-14	.5	3.5				3.5	.3	6.3			10.2	930
15-17	1.7	5.2				5.2	.5	3.2			8.9	930
18-20	1.7	4.5				4.5	.8	2.4			7.6	930
21-23	1.3	4.7				4.7	1.6	2.7			9.0	930
ALL HOURS	.9	4.0				4.0	3.1	5.3			12.4	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.3	5.0				5.0	5.4	2.4			12.9	900
03-05	.3	4.6				4.6	8.9	3.3			16.8	900
06-08	.6	3.8				3.8	12.7	6.4			22.9	900
09-11		2.8				2.8	3.8	8.6			15.1	900
12-14	.1	4.1				4.1	.4	4.0			8.6	900
15-17	.4	5.9				5.9	.9	1.6			8.3	900
18-20	.2	5.3				5.3	1.3	2.0			8.7	900
21-23	.6	4.1				4.1	1.8	1.9			7.8	900
ALL HOURS	.3	4.4				4.4	4.4	3.8			12.6	7200

MONTH: DEC

00-02	.1	2.3				2.3	6.5	1.3			10.0	930
03-05	.2	2.6				2.6	10.6	1.6			14.8	930
06-08	.3	2.8				2.8	16.2	6.5			25.5	930
09-11		2.6				2.6	6.7	11.0			20.2	930
12-14	.2	3.2				3.2	2.0	3.3			8.6	930
15-17	.1	3.2				3.2	2.7	2.4			8.3	930
18-20	.3	3.1				3.1	2.6	1.5			7.2	928
21-23	.2	2.3				2.3	3.6	.9			6.7	927
ALL HOURS	.2	2.8				2.8	6.4	3.6			12.7	7435

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.3	3.1				3.1	8.8	7.7			19.6	7440
FEB	.2	4.2				4.2	6.9	7.5			18.7	6792
MAR	.5	3.6				3.6	4.5	7.3		.0	15.5	7440
APR	.8	2.9				2.9	3.5	7.8			14.2	7200
MAY	2.1	4.5				4.5	2.5	7.1			14.1	7440
JUN	4.5	6.5				6.5	1.4	5.6			13.5	7200
JUL	4.6	5.2				5.2	.4	4.9			10.5	7440
AUG	4.2	5.7				5.7	.8	5.6			12.1	7440
SEP	3.5	6.6				6.6	1.6	3.1			11.4	7200
OCT	.9	4.0				4.0	3.1	5.3			12.4	7440
NOV	.3	4.4				4.4	4.4	3.8			12.6	7200
DEC	.2	2.8				2.8	6.4	3.6			12.7	7435
ANNUAL	1.9	4.5				4.5	3.7	5.8		.0	13.9	87667

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: +05

PERIOD OF RECORD: 4901-8812  
MONTH: ALL HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	3.0	34.4				34.4	36.0	38.2			67.3	990
FEB	4.2	36.7				36.7	33.3	38.8			65.6	910
MAR	6.2	30.9			.2	30.9	25.0	29.8			56.5	996
APR	7.6	27.8			.2	27.8	19.2	31.1			53.9	970
MAY	26.0	49.5			.3	49.5	14.8	25.4			64.5	998
JUN	45.6	65.0				65.0	9.2	15.8			71.8	982
JUL	49.9	65.7				65.7	3.3	12.1			70.5	1023
AUG	51.9	66.8			.1	66.8	4.8	11.6			71.7	1023
SEP	44.9	72.5				72.5	9.5	13.8			78.4	990
OCT	16.6	54.2				54.2	20.3	24.5			71.2	1023
NOV	4.7	42.2			.1	42.2	28.4	26.1			64.1	990
DEC	2.6	34.5				3.5	26.2	30.6			60.1	1023
ANNUAL	22.2	48.5			.1	48.5	19.0	24.7			66.3	11918



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02	.5		.2		.5	1.2	2.3	1.9	2.2	1.0	.3	.1
03-05	.4		.2	.3	.9	2.7	3.1	3.0	2.2	1.1	.3	.2
06-08	.4	.1	.5	.9	1.4	1.8	1.7	3.1	2.7	.2	.6	.3
09-11	.3	.1	.3	.4	1.8	4.0	4.2	2.7	3.3			
12-14	.2	.2	.5	.8	4.1	10.2	7.6	6.9	6.1	.5	.1	.2
15-17	.1	.4	.5	1.8	4.5	9.4	8.7	8.3	5.7	1.7	.4	.1
18-20	.2	.4	1.0	1.3	3.1	4.0	5.6	4.4	3.7	1.7	.2	.3
21-23	.5	.1	.4	.9	.5	2.6	3.2	3.4	2.2	1.3	.6	.2
ALL HOURS	.3	.2	.5	.8	2.1	4.5	4.6	4.2	3.5	.9	.3	.2
TOTAL OBS	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7435

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 089	090 - 159	160 - 199	200 - 269	270 - 359	NO OF OBS
TSTMS	7.7			19.2	15.4	38.5	19.2	26
LIQUID PRECIP	7.2		22.6	15.4	8.2	13.5	33.2	208
FREEZING PRECIP								
FROZEN PRECIP								
FOG	23.8		25.3	2.5	2.6	7.4	38.3	647
FOG WITH VIS GE 1/2 MILES	23.0		25.2	2.6	2.8	7.3	39.1	614
TOTAL OBS	1353	0	1829	1174	366	511	2207	7440

MONTH: FEB HOURS: ALL

TSTMS	9.1			9.1	9.1	27.3	45.5	11
LIQUID PRECIP	7.6		28.5	22.7	4.7	15.9	20.6	277
FREEZING PRECIP								
FROZEN PRECIP								
FOG	33.2		14.8	4.3	4.3	12.6	30.8	467
FOG WITH VIS GE 1/2 MILES	32.1		16.0	4.7	4.7	11.1	31.4	424
TOTAL OBS	1049	0	1651	1533	415	538	1606	6792

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 089	090 - 159	160 - 199	200 - 269	270 - 359	NO OF OBS
TSTMS	5.7		20.0	25.7	14.3	20.0	14.3	35
LIQUID PRECIP	7.1		25.4	24.6	10.0	12.5	20.4	240
FREEZING PRECIP								
FROZEN PRECIP								
FOG	36.3		15.5	9.8	7.9	10.4	20.1	328
FOG WITH VIS GE 1/2 MILES	34.7		16.2	10.2	8.3	9.9	20.7	314
TOTAL OBS	984	0	1826	2141	576	592	1321	7440

MONTH: APR HOURS: ALL

TSTMS	3.4		25.9	17.2	13.8	19.0	20.7	58
LIQUID PRECIP	4.2		23.4	38.3	12.6	6.6	15.0	167
FREEZING PRECIP								
FROZEN PRECIP								
FOG	45.8		10.0	11.6	6.0	8.4	18.3	251
FOG WITH VIS GE 1/2 MILES	45.8		10.4	12.1	5.8	7.5	18.3	240
TOTAL OBS	1175	0	1515	2160	503	670	1177	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 089	090 - 159	160 - 199	200 - 269	270 - 359	NO OF OBS
TSTMS	7.0		22.3	21.7	14.0	15.9	19.1	157
LIQUID PRECIP	9.1		25.2	32.7	10.2	12.6	10.2	254
FREEZING PRECIP								
FROZEN PRECIP								
FOG	34.1		21.2	5.0	5.6	3.9	30.2	179
FOG WITH VIS GE 1/2 MILES	34.1		21.0	5.1	5.7	4.0	30.1	176
TOTAL OBS	1123	0	2212	2524	499	441	641	7440

MONTH: JUN HOURS: ALL

TSTMS	15.5		18.0	21.7	14.9	13.9	16.1	323
LIQUID PRECIP	15.7		21.5	30.5	12.0	10.8	9.5	325
FREEZING PRECIP								
FROZEN PRECIP								
FOG	31.3		21.2	23.2	9.1	3.0	12.1	99
FOG WITH VIS GE 1/2 MILES	31.3		21.2	23.2	9.1	3.0	12.1	99
TOTAL OBS	1730	0	1702	2305	509	499	455	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 089	090 - 159	160 - 199	200 - 269	270 - 359	NO OF OBS
TSTMS	14.2		25.1	23.9	9.7	15.3	11.8	339
LIQUID PRECIP	20.2		21.0	27.5	10.7	9.0	11.6	233
FREEZING PRECIP								
FROZEN PRECIP								
FOG	40.0		10.0	13.3		6.7	30.0	30
FOG WITH VIS GE 1/2 MILES	40.0		10.0	13.3		6.7	30.0	30
TOTAL OBS	2033	0	1357	2770	432	363	485	7440

MONTH: AUG HOURS: ALL

TSTMS	10.5		20.4	24.2	12.1	13.7	19.1	314
LIQUID PRECIP	12.1		20.6	31.3	13.9	11.4	10.7	281
FREEZING PRECIP								
FROZEN PRECIP								
FOG	22.0		6.8	10.2	13.6	18.6	28.8	59
FOG WITH VIS GE 1/2 MILES	22.0		6.8	10.2	13.6	18.6	28.8	59
TOTAL OBS	2015	0	1515	2632	408	365	505	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 089	090 - 159	160 - 199	200 - 269	270 - 359	NO OF OBS
TSTMS	9.9		31.6	20.2	7.5	9.5	21.3	253
LIQUID PRECIP	12.3		41.1	20.3	5.4	7.4	13.4	350
FREEZING PRECIP								
FROZEN PRECIP								
FOG	38.5		32.5	3.4	2.6	3.4	19.7	117
FOG WITH VIS GE 1/2 MILES	38.5		32.5	3.4	2.6	3.4	19.7	117
TOTAL OBS	1649	0	2440	1842	394	319	556	7200

MONTH: OCT HOURS: ALL

TSTMS	14.3		35.7	20.0	7.1	4.3	18.6	70
LIQUID PRECIP	8.3		53.8	15.4	2.6	3.0	16.9	266
FREEZING PRECIP								
FROZEN PRECIP								
FOG	33.9		17.2	3.6		.5	44.8	221
FOG WITH VIS GE 1/2 MILES	34.2		17.4	3.7		.5	44.3	219
TOTAL OBS	1265	0	3478	1251	138	189	1119	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 089	090 - 159	160 - 199	200 - 269	270 - 359	NO OF OBS
TSTMS			34.8	21.7	8.7	13.0	21.7	23
LIQUID PRECIP	4.7		51.2	18.3	6.6	5.0	14.3	301
FREEZING PRECIP								
FROZEN PRECIP								
FOG	27.4		31.5	1.6		1.3	38.2	317
FOG WITH VIS GE 1/2 MILES	26.3		31.8	1.6		1.3	39.0	308
TOTAL OBS	1051	0	2919	1561	268	247	1154	7200

MONTH: DEC HOURS: ALL

TSTMS			21.4	14.3	28.6	14.3	21.4	14
LIQUID PRECIP	8.7		30.6	12.8	5.1	15.8	26.0	196
FREEZING PRECIP								
FROZEN PRECIP								
FOG	30.4		20.8	1.9	1.5	3.0	42.5	471
FOG WITH VIS GE 1/2 MILES	29.8		21.7	.6	1.6	3.1	42.3	447
TOTAL OBS	1270	0	2403	1517	253	269	1723	7435

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	360 - 089	090 - 159	160 - 199	200 - 269	270 - 359	NO OF OBS
TSTMS	11.3		23.4	22.1	11.6	14.0	17.5	1623
LIQUID PRECIP	10.0		31.2	24.0	8.5	10.1	16.1	3098
FREEZING PRECIP								
FROZEN PRECIP								
FOG	31.7		20.4	5.2	3.6	6.5	32.6	3186
FOG WITH VIS GE 1/2 MILES	31.0		20.8	5.3	3.7	6.1	32.9	3047
TOTAL OBS	16697	0	24847	23410	4761	5003	12949	87667



PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	BBBBBBBBB
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	BBBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPPP	AA AA	RRRRRRRR	TT	BBBBBBBBB
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	BBBBBBBBB
PP	AAAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBBB

## PART B

### PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

#### PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

#### MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

#### DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (\*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

#### SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN PERIOD.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE		NAVY AND NATIONAL WEATHER SERVICE	
THROUGH 1945:	0800 LST	THROUGH JUN 1952:	0030 GMT
JAN 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:	1200 GMT

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS
- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: +05

PERIOD OF RECORD: 4302-4409,5606-8812  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	64.7	64.4	68.2	71.9	49.3	35.0	33.3	32.0	26.3	45.4	56.7	65.3	50.8
TRACE	13.3	13.5	13.2	12.8	16.2	14.1	15.9	15.0	15.0	14.4	17.3	14.6	14.6
.01	2.6	2.2	1.6	1.1	1.8	2.9	3.0	3.4	4.2	3.3	3.5	2.9	2.7
.02-.05	6.0	5.0	4.2	3.1	5.6	7.6	8.6	9.6	11.4	5.5	5.6	5.9	6.5
.06-.10	3.0	2.6	2.8	1.6	3.4	5.3	6.6	6.6	6.6	4.9	4.3	2.4	4.2
.11-.25	4.9	4.7	2.9	3.0	6.8	8.5	10.6	11.4	10.1	7.9	3.7	3.5	6.6
.26-.50	2.3	2.7	3.1	2.0	4.6	8.3	9.3	8.3	9.8	6.7	3.5	2.8	5.3
.51-1.00	1.8	3.3	1.7	2.2	4.8	8.2	6.0	6.5	9.5	6.2	3.2	1.2	4.6
1.01-2.50	1.1	1.6	1.9	2.0	5.7	7.5	6.0	6.1	5.5	4.4	1.7	1.3	3.8
2.51-5.00	.3		.3	.3	1.2	2.5	.7	.9	1.3	1.1	.4	.1	.8
5.01-10.00			.1	.1	.4	.1		.1	.3	.2	.1		.1
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	22.0	22.1	18.6	15.3	34.4	50.9	50.9	53.0	58.8	40.2	26.1	20.1	34.6
TOTAL NO. OF OBSERVATIONS	1023	961	1054	1020	1054	1037	1085	1085	1050	1054	1020	1054	12497

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: +05

PERIOD OF RECORD: 4302-4409,5606-8812  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43		.57	1.57	.12	4.45	7.98	12.48	11.92	7.09	12.92	3.42	.45	62.97*
44	1.96	.03	.37	.15	3.63	2.76	11.88	2.51	4.65				27.94*
56						2.28*	3.81	3.73	8.24	5.49	.53	.61	24.69*
57	.39	5.77	.85	3.58	2.55	8.79	6.23	13.65	4.63	5.51	.95	3.55	56.45
58	6.59	1.04	5.21	.53	15.64	5.35	7.79	3.30	2.97	6.19	2.61	3.75	60.97
59	.63	.85	4.67	.36	11.69	12.65	10.05	4.52	8.94	13.12	8.54	1.36	77.38
60	.11	1.16	.49	7.28	12.48	7.34	6.19	8.48	23.53	14.02	1.77	.23	83.08
61	7.08	.54	1.71	.05	9.51	5.37	1.65	1.89	2.24	3.49	.60	.15	34.28
62	1.45	1.21	11.43	1.48	2.35	13.36	6.02	4.54	9.10	.52	4.06	.42	55.94
63	.75	4.83	.43	.42	8.97	11.70	2.81	3.60	11.84	5.86	1.52	3.40	56.13
64	.33	1.95	.51	5.59	1.83	8.30	7.50	9.11	6.87	8.12	1.69	3.18	54.98
65	.49	2.57	.67	.33	.08	7.34	3.64	2.33	16.14	14.27	1.89	.19	49.94
66	4.10	1.23	4.49	2.36	6.24	19.04	8.85	5.19	7.01	7.35	1.44	1.03	68.33
67	1.81	1.34	2.07	.14	1.29	17.15	5.37	5.79	6.57	11.69	1.16	1.09	55.47
68	1.77	2.39	.80	1.72	23.32	18.86	3.89	7.49	12.41	13.57	1.09	.21	87.52
69	3.99	1.87	3.98	6.46	7.02	20.65	6.65	5.71	12.13	12.96	.93	1.19	83.54
70	2.37	1.75	2.33	.23	8.70	13.11	5.17	4.58	5.46	7.75	.07	.30	51.82
71	.40	1.98	.17	.05	3.91	7.11	7.02	6.58	8.64	5.31	4.60	3.46	49.23
72	.75	1.90	4.38	5.85	7.83	7.32	8.78	6.53	7.46	5.51	3.19	1.51	61.01
73	1.64	2.74	1.52	.33	3.36	6.15	7.01	13.09	5.70	3.90	.65	2.73	48.82
74	1.54	TRACE	.49	2.94	7.12	6.11	13.71	2.78	5.66	2.01	5.11	.27	47.74
75	.62	2.22	.18	.16	5.98	10.13	10.93	6.24	5.12	2.99	.77	1.80	47.14
76	.40	3.90	.27	2.89	12.30	7.58	5.77	11.75	9.65	2.47	2.82	1.31	61.11
77	1.48	1.54	1.03	1.13	13.28	5.97	6.48	9.65	8.90	2.49	2.74	1.14	55.83
78	3.99	5.01	2.31	2.91	6.98	9.18	4.36	9.63	3.83	8.27	1.89	3.21	61.57
79	1.04	1.00	.37	8.29	7.48	3.96	4.59	4.54	10.91	3.83	.99	2.54	49.54
80	2.93	1.45	1.09	3.91	3.15	14.57	7.45	6.35	8.91	6.02	7.19	1.01	64.03
81	.35	1.95	.37	.27	1.54	3.95	2.20	17.09	18.09	3.38	4.69	.90	54.78
82	.51	3.24	2.63	7.09	3.82	9.80	4.47	6.36	7.80	4.02	11.05	2.24	63.03
83	7.87	6.69	4.27	4.51	2.59	11.08	5.53	10.75	11.09	4.98	3.40	1.72	74.48
84	.13	.50	3.50	1.41	11.24	6.12	8.33	3.10	8.20	1.28	1.65	.13	45.59
85	.26	1.23	3.84	1.67	6.51	7.61	11.78	6.60	6.98	3.60	.81	2.81	53.70

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: +05

PERIOD OF RECORD: 4302-4409,5606-8812  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	1.89	1.65	6.66	.90	.88	11.38	2.98	8.13	7.91	2.42	4.36	5.24	54.40
87	1.28	.96	4.97	.14	4.58	4.67	6.98	2.05	12.11	8.21	3.50	1.90	51.35
88	1.71	.78	.45	2.53	9.91	17.07	10.67	20.13	2.76	3.87	1.76	.53	72.17

LEAST	.11	TRACE	.17	.05	.08	2.76	1.65	1.89	2.24	.52	.07	.13	34.28
GREATEST	7.87	6.69	11.43	8.29	23.32	20.65	13.71	20.13	23.53	14.27	11.05	5.24	87.52
MEAN	1.90	1.99	2.35	2.29	6.83	9.69	6.83	7.13	8.56	6.39	2.75	1.63	59.10
MEDIAN	1.45	1.60	1.55	1.45	6.38	8.14	6.48	6.35	7.91	5.50	1.83	1.25	55.89
SD	2.028	1.589	2.436	2.463	4.950	4.719	3.050	4.311	4.370	4.035	2.422	1.325	12.132
TOTAL OBS	1023	961	1054	1020	1054	1037	1085	1085	1050	1054	1020	1054	12497

THE GREATEST VALUE OF 23.53 OCCURRED ON 09/60

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: +05

PERIOD OF RECORD: 4302-4409,5606-8812  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43		.45	.68	.10	1.96	4.17	3.61	2.13	1.21	4.30	1.22	.19	4.30*
44	.98	.03	.10	.14	1.34	1.51	2.15	.63	1.30				2.15*
56						1.77*	2.54	1.50	2.86	1.68	.44	.45	2.86*
57	.38	2.40	.44	1.76	.81	4.39	2.19	3.00	1.80	1.78	.60	2.76	4.39
58	2.11	.79	1.78	.23	6.30	1.74	1.82	.83	.87	2.01	.66	1.05	6.30
59	.17	.31	1.81	.33	2.42	3.20	1.92	2.12	2.96	4.23	2.64	.81	4.23
60	.05	.41	.39	1.62	6.15	1.61	1.86	1.64	8.68	3.51	.72	.08	8.68
61	4.48	.25	.58	.02	3.07	2.38	.65	.72	.85	2.28	.35	.08	4.48
62	.53	.95	7.38	.67	1.49	4.29	1.49	1.29	1.52	.15	3.95	.33	7.38
63	.39	2.28	.32	.26	2.89	3.72	.87	1.05	3.38	1.87	.60	1.91	3.72
64	.31	.90	.50	3.88	.55	2.66	3.25	2.57	1.49	2.15	1.01	1.60	3.88
65	.20	.98	.46	.31	.08	3.16	1.23	.63	8.33	3.74	.75	.09	8.33
66	1.32	.62	2.02	1.59	1.01	3.81	1.72	1.05	1.08	2.87	.84	.33	3.81
67	.92	.62	1.27	.08	.55	3.30	1.75	1.14	2.08	6.21	.87	.85	6.21
68	.87	.75	.32	1.38	8.20	2.73	.87	1.32	4.25	5.05	.62	.17	8.20
69	1.19	1.85	2.10	2.18	2.08	3.16	1.85	1.40	2.58	3.32	.42	.97	3.32
70	.95	.81	1.48	.15	3.11	6.03	1.46	1.54	.80	1.59	.06	.14	6.03
71	.35	.84	.08	.05	1.23	1.87	1.68	1.45	1.83	1.47	2.01	1.44	2.01
72	.35	1.09	1.92	2.36	2.74	2.38	2.21	1.77	1.65	1.40	1.50	.74	2.74
73	1.20	.70	.89	.16	1.53	1.44	1.20	1.48	.95	.95	.29	2.20	2.20
74	1.04	TRACE	.49	1.11	1.80	1.85	3.01	.64	1.84	.79	4.00	.18	4.00
75	.49	1.02	.18	.14	2.55	2.92	2.70	1.82	.93	.49	.33	1.63	2.92
76	.28	1.63	.16	1.92	4.12	2.18	1.90	3.65	2.16	1.28	1.89	.38	4.12
77	.63	1.00	1.03	.44	6.15	1.92	2.22	2.64	2.41	2.13	2.16	.43	6.15
78	1.40	1.98	1.62	1.32	2.71	3.51	.87	2.38	.89	1.97	.95	1.17	3.51
79	.24	.58	.29	5.36	2.77	1.16	1.92	1.47	4.52	.90	.41	2.41	5.36
80	2.30	.67	1.07	1.83	.95	2.95	1.47	3.88	2.95	2.09	3.29	1.01	3.88
81	.30	.61	.18	.16	.72	.76	.62	4.45	6.78	.90	2.23	.87	6.78
82	.32	1.47	.72	3.32	1.09	4.73	1.65	1.08	2.97	.70	5.54	1.27	5.54
83	3.05	1.80	1.68	2.67	1.25	1.61	2.42	1.67	4.54	1.17	1.25	.66	4.54
84	.07	.14	2.86	.91	2.79	1.83	3.25	1.19	1.62	.55	.55	.06	3.25
85	.12	1.02	2.99	.44	2.36	2.22	2.28	1.09	2.01	1.07	.49	.94	2.99

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: +05

PERIOD OF RECORD: 4302-4409,5606-8812  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	.88	.98	2.59	.90	.58	3.32	1.13	1.50	2.32	1.04	1.59	2.28	3.32
87	.65	.32	1.51	.11	1.21	1.54	2.69	1.01	3.66	1.66	1.61	1.68	3.66
88	.58	.50	.32	1.45	2.93	4.65	2.07	5.94	.63	2.93	1.16	.19	5.94

GREATEST	4.48	2.40	7.38	5.36	8.20	6.03	3.61	5.94	8.68	6.21	5.54	2.76	8.68
TOTAL OBS	1023	961	1054	1020	1054	1037	1085	1085	1050	1054	1020	1054	12497

THE GREATEST VALUE OF 8.68 OCCURRED ON 09/10/60

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: +05

PERIOD OF RECORD: 4302-4409,5606-8812  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TRACE													
0.1-0.4													
0.5-1.4													
1.5-.4													
2.5-3.4													
3.5-4.4													
4.5-6.4													
6.5-10.4													
10.5-15.4													
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS													
TOTAL NO. OF OBSERVATIONS	1023	961	1054	1020	1054	1046	1085	1085	1050	1053	1020	1054	12505

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: +05

PERIOD OF RECORD: 4302-4409,5606-8812  
MONTH: ALL HOUR: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*
44	.0	.0	.0	.0	.0	.0	.0	.0	.0				.0*
56						.0*	.0	.0	.0	.0	.0	.0	.0*
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
84	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: +05

PERIOD OF RECORD: 4302-4409,5606-8812  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
88	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
LEAST	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GREATEST	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEDIAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS	1023	961	1054	1020	1054	1046	1085	1085	1050	1053	1020	1054	12505

THE GREATEST VALUE OF .0 OCCURRED ON 02/43

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: +05

PERIOD OF RECORD: 4302-4409,5606-8812  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*
44	.0	.0	.0	.0	.0	.0	.0	.0	.0				.0*
56						.0*	.0	.0	.0	.0	.0	.0	.0*
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
84	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: +05

PERIOD OF RECORD: 4302-4409,5606-8812  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
88	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

GREATEST	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL OBS	1023	961	1054	1020	1054	1046	1085	1085	1050	1053	1020	1054	12505

THE GREATEST VALUE OF .0 OCCURRED ON 02/01/43

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: +05

PERIOD OF RECORD: 4302-4409,5606-8812  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TRACE													
1													
2													
3													
4-6													
7-12													
13-24													
25-36													
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS													
TOTAL NO. OF OBSERVATIONS	1023	961	1054	1020	1054	1046	1085	1085	1050	1054	1020	1054	12506

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: +05

PERIOD OF RECORD: 4302-4409,5606-8812  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43		0	0	0	0	0	0	0	0	0	0	0	0*
44	0	0	0	0	0	0	0	0	0	0	0	0	0*
56						0*	0	0	0	0	0	0	0*
57	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0
79	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0	0	0	0	0
81	0	0	0	0	0	0	0	0	0	0	0	0	0
82	0	0	0	0	0	0	0	0	0	0	0	0	0
83	0	0	0	0	0	0	0	0	0	0	0	0	0
84	0	0	0	0	0	0	0	0	0	0	0	0	0
85	0	0	0	0	0	0	0	0	0	0	0	0	0

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: +05

PERIOD OF RECORD: 4302-4409,5606-8812  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	0	0	0	0	0	0	0	0	0	0	0	0	0
87	0	0	0	0	0	0	0	0	0	0	0	0	0
88	0	0	0	0	0	0	0	0	0	0	0	0	0

GREATEST	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OBS	1023	961	1054	1020	1054	1046	1085	1085	1050	1054	1020	1054	12506

THE GREATEST VALUE OF 0 OCCURRED ON 02/01/43

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH



PPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	CCCCC
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	CCCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPPP	AA AA	RRRRRRRR	TT	CC
PPPPPPP	AAAAAAAAA	RRRRRRRR	TT	CC
PP	AAAAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCCC
PP	AA AA	RR RR	TT	CCCCC

## PART C

### SURFACE WIND SUMMARIES

#### PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

#### PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

#### WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS)  
THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET.  
IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED:  
WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST  
BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: +05

PERIOD OF RECORD: 5606-8812  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
56						SE *30	N 23	W 32	E 38	NE 37	ENE 34	WNW 34	E *38
57	E 30	W 35	W 37	E 29	SSW 29	NW 27	SW 28	ENE 30	ENE 31	E 26	NE 29	NW 26	W 37
58	N 39	SW 35	SW 48	WN 35	SW 50	SW 26	E 27	WNW 33	S 29	E 29	ESE 24	WNW 39	SW 50
59	WSW 31	W 27	W 35	WSW 32	E 33	SSW 33	NNE 23	NNW 30	E 28	WSW 37	S 28	WNW 23	WSW 37
60	W 27	W 35	NW 37	ENE 28	W 33	N 35	SSW 20	NE 25	ESE 76	WSW 24	SW 25	WNW 32	ESE 76
61	N 28	W 32	NNW 27	SSE 36	N 37	E 35	SE 28	ESE 24	SSE 25	E 33	NE 24	ESE 29	N 37
62	NW 32	W 25	E 41	ENE 26	N 40	SSE 49	SE 36	W 39	E 41	WSW 27	N 28	WNW 31	SSE 49
63	WNW 24	W 37	N 34	W 32	ESE 26	N 39	SSE 35	ESE 28	SSW 32	NE 30	SSW 25	ENE 28	N 39
64	SW 30	WNW 39	NW 29	SW 31	W 25	SW 27	E 30	NW 50	NE 42	S 46	ENE 36	ENE 29	NW 50
65	ESE 29	SW 39	W 36	NNW 41	WNW 42	SSE 29	WSW 35	SE 30	ENE120	N 32	E 37	SSW 35	ENE120
66	W 53	S 34	ENE 31	SW 34	WNW 33	SE 45	SW 27	WNW 31	NW 28	NNE 69	W 33	NW 26	NNE 69
67	SW 31	SSW 34	E 33	ENE 34	ENE 36	WSW 46	NNE 37	WNW 37	ESE 27	NNE 29	NE 30	NNW 34	WSW 46
68	NE 30	SSW 37	NW 29	N 48	SE 33	S 39	11/ 38	10/ 28	10/ 39	17/ 40	25/ 33	26/ 30	N 48
69	21/ 32	09/ 28	26/ 32	01/ 25	08/ 22	25/ 30	15/ 28	16/ 28	32/ 26	08/ 28	36/ 31	29/ 28	21/ 32
70	34/ 24	18/ 31	18/ 38	08/ 22	21/ 49	01/ 28	11/ 28	12/ 28	10/ 34	03/ 36	35/ 28	33/ 22	21/ 49
71	30/ 26	20/ 37	33/ 33	29/ 28	27/ 28	28/ 34	31/*32	33/ 28	04/ 22	24/ 30	07/ 25	06/ 36	20/*37
72	36/*26	30/ 36	30/ 37	06/ 28	33/ 28	15/ 42	19/ 30	07/ 24	05/ 30	07/ 30	19/ 26	36/ 30	15/*42
73	30/ 31	22/ 38	27/ 33	20/ 31	27/ 38	14/ 26	11/ 26	15/ 29	11/*26	09/ 28	06/ 27	23/ 31	22/*38
74	11/ 22	34/ 29	26/ 30	01/ 31	02/ 55	20/ 32	36/ 31	11/ 30	32/ 27	05/ 35	11/ 49	30/ 23	02/ 55
75	34/ 28	30/ 33	25/ 31	24/ 30	10/ 34	31/ 35	05/ 45	10/ 31	14/ 39	06/ 34	06/ 31	05/ 26	05/ 45
76	29/ 29	27/ 35	06/ 29	29/ 40	21/ 35	19/ 23	13/ 37	11/ 29	34/ 30	32/ 30	01/ 30	33/ 34	29/ 40
77	34/ 33	32/ 26	04/ 26	08/ 34	35/ 37	21/ 28	12/ 34	09/ 32	07/ 25	05/ 26	10/ 22	26/ 26	35/ 37
78	24/ 62	28/ 34	19/ 35	26/ 32	22/ 31	02/ 34	09/ 27	06/ 28	05/ 24	06/ 28	06/ 23	26/ 31	24/ 62
79	27/ 30	27/ 30	21/ 32	15/ 34	36/ 34	07/ 26	12/ 30	10/ 26	30/ 35	07/ 26	05/ 28	15/ 27	30/ 35
80	23/ 32	36/ 30	20/ 48	34/ 34	30/ 43	24/ 37	21/ 37	32/ 30	01/ 38	04/ 23	24/ 31	26/ 29	20/ 48
81	35/ 26	11/ 27	27/ 40	05/ 28	19/ 27	04/ 27	16/*31	19/ 30	09/ 25	05/ 32	06/ 34	34/ 24	27/*40
82	21/ 31	33/ 36	04/ 29	12/ 46	06/ 24	24/ 47	26/ 44	31/ 32	13/ 24	06/ 27	06/ 26	24/ 26	24/ 47
83	25/ 40	28/ 36	29/ 40	16/ 28	20/ 30	20/ 27	12/ 26	11/ 29	21/ 36	06/ 25	09/ 31	31/ 28	25/ 40
84	05/ 26	29/ 32	25/ 40	26/ 30	02/ 30	25/ 27	12/ 24	36/ 24	22/ 25	02/ 27	34/ 28	35/ 20	25/ 40
85	34/ 26	29/ 29	27/ 30	07/ 22	30/ 36	29/ 31	22/ 29	09/ 36	10/ 26	07/ 24	05/ 40	32/ 22	05/ 40
86	30/ 34	33/ 24	29/ 30	26/ 24	35/ 23	08/ 38	28/ 30	04/ 36	04/ 26	04/ 28	06/ 27	24/ 29	08/ 38
87	31/ 41	19/ 28	11/ 28	27/ 30	10/ 21	15/ 36	18/ 29	30/ 29	30/ 28	35/ 38	17/ 30	34/ 23	31/ 41
88	30/ 39	34/ 25	08/ 24	27/ 32	32/ 23	34/ 27	19/ 23	26/ 21	07/ 27	09/ 24	25/ 27	32/ 20	30/ 39

PEAK SURFACE WINDS IN KNOTS  
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 5606-8812  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GREATEST	24/ 62	WNW 39	SW 48	N 48	02/ 55	SSE 49	05/ 45	NW 50	ENE120	NNE 69	11/ 49	WNW 39	ENE120
TOTAL OBS	969	904	992	960	992	985	1001	1023	983	1023	990	1022	11844

THE PEAK WIND OF 120 FROM ENE OCCURRED ON 09/08/65

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH  
\$THE VALUE IS 100 OR GREATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: +05

PERIOD OF RECORD: 5606-8812  
MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS											MEAN MEDIAN		TOTAL OBS
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	WIND	WIND	
JAN	.1	3.8	28.6	36.2	21.1	6.1	2.9	.8	.2	.2	.0	17.6	17.0	969
FEB	.0	3.0	21.2	37.4	26.3	8.4	1.8	1.9	.0	.0	.0	18.4	18.0	904
MAR	.0	.6	16.5	37.9	29.3	10.6	3.1	1.3	.6	.0	.0	19.5	19.0	992
APR	.0	.2	19.5	36.8	29.1	11.4	2.5	.2	.4	.0	.0	19.1	18.0	960
MAY	.0	1.4	21.5	41.7	25.9	6.4	1.3	.9	.7	.2	.0	18.5	18.0	992
JUN	.0	2.7	26.1	40.4	18.9	7.8	2.3	1.1	.6	.0	.0	17.8	17.0	985
JUL	.0	2.8	30.3	40.4	18.3	5.4	1.6	1.0	.3	.0	.0	17.1	16.0	1001
AUG	.2	2.2	32.2	38.8	18.5	5.6	2.0	.4	.1	.1	.0	17.1	16.0	1023
SEP	.1	2.7	29.0	35.2	21.8	8.3	1.4	.8	.2	.1	.3	17.8	17.0	983
OCT	.0	3.7	30.3	32.9	21.3	9.0	1.8	.6	.3	.0	.1	17.5	17.0	1023
NOV	.0	3.2	28.6	36.9	21.8	6.9	2.2	.2	.2	.0	.0	17.3	17.0	990
DEC	.0	4.8	29.6	36.6	20.8	6.3	1.6	.3	.0	.0	.0	17.0	16.0	1022
ANNUAL	.0	2.6	26.2	37.6	22.7	7.6	2.0	.8	.3	.1	.0	17.9	17.0	11844

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.2	6.9	1.6	.2								16.9	5.4	5.0
020-040	.6	.3	.2									1.2	5.5	4.0
050-070	1.1	1.8	1.1									4.0	6.5	6.0
(E) 080-100	2.7	3.0	1.0	.1	.2							7.0	6.6	5.0
110-130	2.8	2.7	.5									6.0	5.3	5.0
140-160	1.1	1.4	.8									3.2	6.3	6.0
(S) 170-190	1.3	1.1	.3									2.7	5.4	5.0
200-220	.9	.5	.1									1.5	4.5	3.5
230-250	1.8	.6										2.5	3.8	3.0
(W) 260-280	1.2	.1										1.3	3.2	3.0
290-310	3.5	1.8	.1									5.5	4.4	4.0
320-340	8.1	5.8	1.7	.2	.1							15.9	5.5	4.0
VARIABLE														
CALM	////////////////////////////////////											32.4	////////	
TOTALS	33.3	26.0	7.4	.5	.3							100.0	3.7	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.4	8.5	2.7	.2								18.8	5.9	6.0
020-040	1.7	.3	.2									2.3	4.1	3.0
050-070	1.1	1.8	.2	.1								3.2	6.1	5.0
(E) 080-100	2.2	3.3	.6	.1	.1	.1						6.5	6.5	6.0
110-130	2.8	1.9	.9	.1								5.7	5.5	5.0
140-160	2.0	1.0	.1									3.1	4.2	4.0
(S) 170-190	1.4	1.1	.6									3.1	5.8	5.0
200-220	1.1	.3	.4									1.8	6.0	4.0
230-250	.9	.5	.1									1.5	5.3	4.0
(W) 260-280	1.2	.6	.1									1.9	4.6	4.0
290-310	1.8	1.3										3.1	4.1	4.0
320-340	9.0	7.8	1.3	.2								18.4	5.2	5.0
VARIABLE														
CALM	////////////////////////////////////											30.5	////////////////////////////////	
TOTALS	32.6	28.4	7.2	.7	.1	.1						100.0	3.8	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	11.4	7.5	2.7									21.6	5.2	4.0
020-040	1.4	.4	.2	.1								2.2	5.3	4.0
050-070	1.8	1.0	.4									3.2	4.6	3.5
(E) 080-100	2.2	2.3	.3	.1	.2							5.1	5.9	5.0
110-130	2.3	2.8	.1	.2								5.4	5.5	5.0
140-160	3.2	.9										4.1	3.3	3.0
(S) 170-190	1.2	.3	.6	.2								2.4	7.0	5.0
200-220	1.4	.8	.5	.3								3.0	6.8	5.5
230-250	.5	.3	.1									1.0	4.8	4.0
(W) 260-280	.3	.6										1.0	6.0	7.0
290-310	2.0	.6	.1	.1								2.9	4.5	4.0
320-340	10.6	6.1	1.4									18.2	4.8	4.0
VARIABLE														
CALM	////////////////////////////////////											30.1	////////////////////////////////	
TOTALS	38.3	23.6	6.4	1.0	.2							100.0	3.6	4.0
TOTAL NUMBER OF OBSERVATIONS 930														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.1	12.5	6.1	.6								25.4	7.2	7.0
020-040	4.0	2.9	1.1									8.	5.4	4.5
050-070	.6	2.0	1.6	.4								4.7	8.8	8.0
(E) 080-100	1.9	4.2	1.8	.3	.3							8.6	7.6	7.0
110-130	1.4	3.5	2.7	.3								8.0	7.8	7.5
140-160	1.3	3.4	1.4	.1								6.2	7.3	7.0
(S) 170-190	1.4	1.7	1.3									4.4	6.9	6.0
200-220	1.0	1.6	1.7	1.1	.2							5.6	9.9	10.0
230-250	.9	1.3	.8	.1								3.0	7.1	6.5
(W) 260-280	.9	.6		.1								1.6	5.8	4.0
290-310	2.0	1.5	1.0	.2								4.7	6.4	6.0
320-340	3.5	7.2	3.3	.5								14.6	7.4	7.5
VARIABLE														
CALM	////////////////////											5.2	////////	
TOTALS	25.0	42.4	22.8	3.7	.5							100.0	7.0	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 70 - JAN 88  
MONTH: JAN 1988

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	7.0	3.9	.4								12.4	8.4	8.0
020-040	1.0	3.4	1.4	.5	.1							6.5	8.1	7.0
050-070	1.8	4.5	3.8	.4								10.5	8.5	8.5
(E) 080-100	2.5	7.5	3.4	.3								13.8	7.7	7.0
110-130	1.1	4.9	2.5		.1							8.6	8.1	8.0
140-160	.5	4.5	1.9	.3								7.3	8.3	8.0
(S) 170-190	.8	1.4	2.3	.1	.1							4.6	9.0	10.0
200-220	.4	2.6	2.9	.4	.2							6.6	10.0	10.0
230-250	.5	.6	1.9	.4	.1							3.7	10.0	10.5
(W) 260-280	1.0	2.0	1.1	.4	.1							4.6	8.2	8.0
290-310	1.3	2.6	2.0		.1							6.0	7.9	8.0
320-340	1.5	8.2	5.1	.3								15.1	8.2	8.0
VARIABLE														
CALM	////////////////////////////////////											.4	////////////////////////////////	
TOTALS	13.5	49.2	32.2	3.5	.8							100.0	8.3	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	4.0	2.7	.1								8.3	8.0	8.0
020-040	.8	2.4	1.2	.1								4.4	8.0	8.0
050-070	1.8	9.2	3.3	.4								14.8	7.8	7.0
(E) 080-100	3.7	9.9	2.0	.1								15.7	6.6	6.0
110-130	1.6	6.2	.8	.2								8.8	6.6	7.0
140-160	1.0	4.5	1.6	.1								7.2	7.4	7.0
(S) 170-190	.1	3.3	1.2									4.6	8.1	8.0
200-220	.3	2.5	2.0									4.8	8.5	8.0
230-250	.1	1.7	2.4	.3	.2							4.7	10.3	10.0
(W) 260-280	.6	1.5	1.4	.6	.2							4.4	9.8	10.0
290-310	1.8	3.5	2.3	.4								8.1	7.8	8.0
320-340	2.8	7.1	3.3	.1								13.3	7.2	7.0
VARIABLE														
CALM	////////////////////////////////////											.8	////////////////////////////////	
TOTALS	16.1	55.8	24.2	2.4	.4							100.0	7.6	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD JAN 79 - DEC 88  
MONTH: JAN HOURS: 18-20

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.9	5.5	1.5									10.9	5.7	6.0
020-040	3.0	2.0	1.0									6.0	5.6	4.5
050-070	5.9	4.5	1.6									12.0	5.0	5.0
(E) 080-100	6.3	2.6	.8	.3								10.0	4.5	4.0
110-130	3.8	1.6	.1									5.5	3.8	4.0
140-160	2.5	.6	.3									3.4	4.2	3.5
(S) 170-190	3.8	1.3	.1									5.2	3.6	3.0
200-220	2.0	.8	.1									2.9	4.0	3.0
230-250	1.8	.9	.1									2.8	4.0	3.0
(W) 260-280	2.8	3.2	.6	.1								6.8	5.6	5.0
290-310	2.4	3.1	2.0	.2								7.7	7.2	7.5
320-340	5.6	3.4	.5	.2								9.8	5.0	4.0
VARIABLE														
CALM	////////////////////////////////////											17.0	////////	
TOTALS	43.8	29.5	8.7	.8								100.0	4.2	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.8	6.2	1.4	.1								14.5	5.2	5.0
020-040	2.5	.5	.5									3.5	4.4	3.0
050-070	3.0	1.9	1.2									6.1	5.4	5.0
(E) 080-100	4.8	3.3	.8	.2	.1							9.2	5.5	4.0
110-130	3.0	2.2	.2									5.4	4.6	4.0
140-160	1.5	.8	.1									2.4	4.3	4.0
(S) 170-190	1.0	.9	.3									2.2	5.6	5.0
200-220	1.7	.3										2.0	3.1	2.0
230-250	1.6	.4										2.0	3.3	3.0
(W) 260-280	3.7	1.0										4.6	3.6	4.0
290-310	3.8	2.4	.9									7.0	5.0	4.0
320-340	5.7	4.5	1.4									11.8	5.3	4.5
VARIABLE														
CALM	////////////////////////////////////											29.1	////////	
TOTALS	39.3	24.4	6.8	.3	.1							100.0	3.5	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.8	7.3	2.8	.2								16.1	6.3	6.0
020-040	1.9	1.5	.7	.1	.0							4.2	6.1	5.0
050-070	2.2	3.4	1.7	.2								7.3	6.8	6.0
(E) 080-100	3.3	4.5	1.3	.2	.1	.0						9.5	6.4	6.0
110-130	2.3	3.2	1.0	.1	.0							6.7	6.2	6.0
140-160	1.6	2.1	.8	.1								4.6	6.3	6.0
(S) 170-190	1.4	1.4	.8	.0	.0							3.6	6.5	6.0
200-220	1.1	1.2	1.0	.2	.1							3.5	7.7	8.0
230-250	1.0	.8	.7	.1	.0							2.6	6.9	6.0
(W) 260-280	1.5	1.2	.4	.2	.0							3.3	6.2	5.0
290-310	2.3	2.1	1.0	.1	.0							5.6	6.2	6.0
320-340	5.9	6.3	2.3	.2	.0							14.6	6.1	6.0
VARIABLE														
CALM	////////////////////											18.2	////////	
TOTALS	30.3	35.0	14.5	1.7	.2							100.0	5.2	6.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	5.1	19.5	14.0	.8								39.4	8.3	8.0
020-040	1.7	.8										2.5	3.7	3.5
050-070	.8	2.1										3.0	6.6	8.0
(E) 080-100		.4	.4	1.3	.8							3.0	15.4	18.0
110-130	.4	.4	.4	.4	.4							2.1	11.4	10.0
140-160		1.7	.4									2.1	8.4	8.0
(S) 170-190		.4	.4									.8	9.5	9.5
200-220	.8	1.3	.4									2.5	7.2	7.5
230-250	1.3	.4	.8	.8								3.4	9.4	9.5
(W) 260-280	1.3	.4		.4								2.1	6.8	3.0
290-310	2.5	1.7	.8	.4	.4							5.9	7.3	6.0
320-340	6.8	12.3	6.4	.8								26.3	7.3	6.5
VARIABLE														
CALM	////////////////////////////////////											6.8	////////	
TOTALS	20.7	41.4	24.0	4.9	1.6							100.0	7.5	8.0
TOTAL NUMBER OF OBSERVATIONS 236														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.9	5.2	.5									10.6	5.2	5.0
020-040	1.2	.5	.5									2.1	5.3	3.5
050-070	3.5	2.0	1.3									6.8	5.5	4.0
(E) 080-100	4.0	7.9	1.1	.2								13.2	6.2	6.0
110-130	3.8	3.3	.7									7.8	5.2	5.0
140-160	1.5	1.6	.7	.1								4.0	6.0	6.0
(S) 170-190	2.2	.7										2.9	3.3	3.0
200-220	1.8	.7	.1									2.6	3.6	2.0
230-250	1.5	.4	.2									2.1	3.9	3.0
(W) 260-280	2.7	1.6	.4	.1								4.8	4.6	4.0
290-310	4.4	2.4	.1									6.8	4.1	4.0
320-340	5.4	3.7	.1									9.2	4.6	4.0
VARIABLE														
CALM	////////////////////											27.0	////////	
TOTALS	36.9	30.0	5.7	.4								100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 849



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.0	6.0	1.4									13.4	5.3	5.0
020-040	1.3	.5	.4									2.1	5.3	3.5
050-070	2.0	1.4	1.3									4.7	6.6	8.0
(E) 080-100	2.8	5.1	1.1	.1								9.1	6.1	6.0
110-130	5.1	4.9	.6									10.6	5.1	5.0
140-160	2.0	1.2	.7									3.9	5.2	4.0
(S) 170-190	2.0	1.1										3.1	4.0	4.0
200-220	.8	.4	.2									1.4	4.8	3.0
230-250	2.0	.7	.4									3.1	4.4	4.0
(W) 260-280	2.0	.7	.1									2.8	4.0	3.0
290-310	3.5	1.3	.6									5.4	4.5	4.0
320-340	6.4	4.9	.7	.1								12.1	4.8	4.0
VARIABLE														
CALM	////////////////////////////////////											28.3	////////////////////////////////	
TOTALS	35.9	28.2	7.5	.2								100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: 06-08

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	9.0	6.1	1.6	.2								17.0	5.0	4.0
020-040	1.4	.4	.4									2.1	4.9	3.5
050-070	1.5	1.5	.6									3.7	5.7	5.0
(E) 080-100	2.6	4.9	.7	.1								8.4	6.1	6.0
110-130	5.8	4.0	.7	.1								10.6	5.1	4.0
140-160	3.1	1.3	.4									4.7	4.1	3.0
(S) 170-190	2.0	.5	.7									3.2	5.3	4.0
200-220	1.2	.7	.2									2.1	5.4	4.0
230-250	1.1	.5										1.5	3.5	3.0
(W) 260-280	1.5	.1										1.6	3.4	3.0
290-310	1.9	2.1	.4									4.4	5.0	5.0
320-340	6.8	5.5	.8									13.2	5.0	4.0
VARIABLE														
CALM	////////////////////////////////////											27.6	////////////////////////////////	
TOTALS	37.9	27.6	6.5	.4								100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.8	9.0	3.8	.8								18.4	7.2	7.0
020-040	2.6	2.4	.5									5.4	5.3	5.0
050-070	1.3	3.1	2.2	.1								6.7	8.1	8.0
(E) 080-100	.9	6.7	4.5	.1								12.2	8.6	9.0
110-130	1.2	5.2	3.9	.1								10.4	8.1	8.0
140-160	.7	3.9	2.5	.5								7.5	8.6	8.0
(S) 170-190	1.5	2.2	2.5									6.2	7.7	8.0
200-220	1.3	2.2	1.5									5.1	7.3	7.0
230-250	.7	.7	.7	.2								2.4	7.4	7.0
(W) 260-280	1.4	1.8	.4	.1								3.7	6.2	6.0
290-310	1.3	2.7	1.3	.1								5.4	7.1	7.0
320-340	3.1	6.7	3.3	.2								13.3	7.3	8.0
VARIABLE														
CALM	////////////////////////////////////											3.3	////////////////////////////////	
TOTALS	20.8	46.6	27.1	2.2								100.0	7.3	8.0
TOTAL NUMBER OF OBSERVATIONS 849														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: 12-14

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.3	3.7	2.2	.2								7.4	7.8	8.0
020-040	1.5	2.2	1.2									4.9	6.9	7.5
050-070	.9	6.1	5.1	.6								12.7	9.1	9.0
(E) 080-100	2.0	8.0	7.8	.5								18.3	8.6	9.0
110-130	.7	5.2	4.7	.6								11.2	9.2	9.0
140-160	.9	3.5	2.1	.7								7.3	8.6	8.0
(S) 170-190	.4	2.2	2.5	.1								5.3	9.2	10.0
200-220	.4	2.0	3.4	.7	.1							6.6	10.3	10.0
230-250	.9	1.5	.7	.7								3.9	8.6	8.0
(W) 260-280	1.1	1.6	.8	.4	.1							4.0	8.2	8.0
290-310	.9	3.7	1.6	.7	.1							7.1	8.8	8.0
320-340	1.3	5.3	2.8	.6								10.0	8.3	8.0
VARIABLE														
CALM	////////////////////////////////////											1.3	////////////////////////////////	
TOTALS	12.3	45.0	35.0	5.8	.3							100.0	8.6	9.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.8	3.5	1.3	.1								5.8	7.9	8.0
020-040	.9	2.2	1.8	.1								5.1	8.2	8.0
050-070	.6	8.6	6.2	.1								15.5	8.9	8.5
(E) 080-100	2.7	12.7	4.5									19.9	7.5	7.0
110-130	1.3	7.2	2.6	.1								11.2	7.4	8.0
140-160	.5	4.4	1.5	.2								6.6	8.0	7.5
(S) 170-190	.8	3.8	2.0									6.6	7.7	8.0
200-220	.1	3.4	2.9	.6								7.1	9.6	9.5
230-250	.1	1.3	1.2	.2								2.8	9.7	9.5
(W) 260-280	.7	1.1	1.2	.6	.2							3.8	9.8	10.0
290-310	.8	3.2	2.0	.6								6.6	8.6	8.0
320-340	1.9	4.2	2.0	.2								8.4	7.6	8.0
VARIABLE														
CALM	////////////////////////////////////											.7	////////////////////////////////	
TOTALS	11.2	55.6	29.2	2.8	.2							100.0	8.1	8.0
TOTAL NUMBER OF OBSERVATIONS 849														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	3.5	1.1									6.9	6.0	6.0
020-040	2.7	2.7	.8									6.2	5.7	5.0
050-070	6.7	6.2	1.4	.4								14.7	5.7	5.0
(E) 080-100	6.9	6.8	1.4									15.2	5.4	5.0
110-130	4.8	2.8	.7									8.4	4.8	4.0
140-160	4.2	2.0	.6									6.8	4.4	4.0
(S) 170-190	4.5	1.3										5.8	3.4	3.0
200-220	2.4	1.5	.4									4.2	4.7	4.0
230-250	2.0	1.9	.2									4.1	5.1	5.0
(W) 260-280	1.8	4.1	.9									6.8	6.2	6.0
290-310	1.5	2.2	.9	.1								4.8	6.6	6.0
320-340	1.6	2.4	.8									4.8	6.1	6.0
VARIABLE														
CALM	////////////////////////////////////											11.1	////////	
TOTALS	41.5	37.4	9.2	.5								100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.2	4.6	1.5									10.4	5.6	5.0
020-040	2.0	1.8	.5									4.2	5.6	5.5
050-070	4.5	3.3	1.4	.1								9.3	5.6	5.0
(E) 080-100	5.5	6.1	.9		.2							12.8	5.7	6.0
110-130	2.9	2.9	.6	.1								6.6	5.3	5.0
140-160	1.5	1.3	.5									3.3	5.4	5.0
(S) 170-190	2.2	.5	.1									2.8	3.8	3.0
200-220	2.2	.4	.2									2.8	3.5	2.5
230-250	2.4	1.2										3.5	4.0	3.5
(W) 260-280	4.8	1.6	.2									6.7	4.0	4.0
290-310	3.9	3.4	.2									7.5	4.6	4.0
320-340	3.4	1.9	.2									5.5	4.4	4.0
VARIABLE														
CALM	////////////////////////////////////											24.4	////////	
TOTALS	39.5	29.0	6.3	.2	.2							100.0	3.8	4.0
TOTAL NUMBER OF BSERVATIONS 849														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	4.2	5.2	1.7	.2								11.2	6.1	6.0
020-040	1.7	1.6	.7	.0								4.0	6.1	6.0
050-070	2.6	4.0	2.4	.2								9.3	7.2	7.0
(E) 080-100	3.4	7.3	2.7	.1	.0							13.6	6.9	7.0
110-130	3.2	4.4	1.8	.1							9.6	6.4	6.0	
140-160	1.8	2.4	1.1	.2							5.5	6.6	6.0	
(S) 170-190	2.0	1.5	1.0	.0							4.5	6.0	6.0	
200-220	1.3	1.4	1.1	.2	.0						4.0	7.2	7.0	
230-250	1.3	1.0	.4	.1							2.9	6.0	5.0	
(W) 260-280	2.0	1.6	.5	.1	.0						4.3	5.9	5.0	
290-310	2.3	2.6	.9	.2	.0						6.0	6.2	5.0	
320-340	3.7	4.3	1.4	.1							9.6	6.1	6.0	
VARIABLE														
CALM	////////////////////////////////////											15.4	////////////////////////////////	
TOTALS	29.5	37.3	15.7	1.5								100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 6792



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	9.2	5.4	1.5								19.2	8.3	8.0
020-040		1.5	7.7	.8								10.0	11.5	12.0
050-070			.8									.8	12.0	12.0
(E) 080-100		1.5	2.3									3.8	10.4	12.0
110-130		3.1	2.3	.8								6.2	9.5	9.0
140-160														
(S) 170-190			.8									.8	10.0	10.0
200-220	.8		1.5									2.3	8.7	10.0
230-250	1.5	1.5										3.1	4.0	4.0
(W) 260-280	4.6	1.5	1.5									7.7	5.2	4.0
290-310	3.1	3.8	.8									7.7	4.7	5.0
320-340	4.6	16.2	5.4	1.5								27.7	7.6	7.0
VARIABLE														
CALM	////////////////////////////////////											10.8	////////////////////////////////	
TOTALS	17.7	38.3	28.5	4.6								100.0	7.1	8.0

TOTAL NUMBER OF OBSERVATIONS 130

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	3.4	3.0	.3									6.8	4.8	4.0
020-040	1.1	.9	.5									2.5	5.7	5.0
050-070	1.6	2.2	1.2	.2								5.2	7.2	7.5
(E) 080-100	5.9	6.0	2.4	.4								14.7	6.0	5.0
110-130	4.7	7.3	1.9									14.0	5.9	6.0
140-160	2.0	3.2	1.0	.1								6.3	6.2	5.0
(S) 170-190	2.7	1.9	.6	.1								5.4	5.2	4.5
200-220	1.1	.9	.1									2.0	4.2	3.0
230-250	.8	.5	.4	.3	.1							2.2	8.4	8.0
(W) 260-280	2.3	.1	.1									2.5	3.4	3.0
290-310	3.1	2.2	.2									5.5	4.4	4.0
320-340	3.7	4.3	.8	.2								8.9	5.6	5.0
VARIABLE														
CALM	////////////////////////////////////										24.1	////////////////////////////////		
TOTALS	32.4	32.5	9.5	1.3	.1							100.0	4.3	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.3	4.5	.9									10.6	5.0	5.0
020-040	.8	.4	.2									1.4	5.3	4.0
050-070	1.1	2.6	1.4	.2								5.3	7.8	8.0
(E) 080-100	4.9	4.2	1.6	.3								11.1	5.8	5.0
110-130	4.1	6.6	1.4	.3								12.4	6.2	6.0
140-160	3.2	3.5	.5									7.3	5.4	5.0
(S) 170-190	1.7	1.2	.9	.1								3.9	6.1	5.0
200-220	2.9	1.5	.2									4.6	4.1	4.0
230-250	1.1	.4	.4	.1								2.0	6.0	4.0
(W) 260-280	1.1	.6	.3	.1								2.2	5.6	4.0
290-310	1.9	.2	.2									2.4	3.8	3.0
320-340	5.3	4.1	1.1	.1								10.5	5.2	4.5
VARIABLE														
CALM	////////////////////////////////////											26.3	////////	
TOTALS	33.4	29.8	9.1	1.2								100.0	4.1	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	7.8	6.1	.9									14.8	5.0	4.0
020-040	1.8	1.1	.2									3.1	4.6	4.0
050-070	.6	2.8	1.6	.2								5.3	8.2	8.0
(E) 080-100	2.7	6.2	1.9	.2								11.1	6.9	7.0
110-130	3.5	5.4	1.8	.1								10.9	6.1	6.0
140-160	1.7	3.2	.6									5.6	6.3	6.0
(S) 170-190	2.2	2.0	.4	.1								4.7	5.9	6.0
200-220	1.3	1.5	.6	.1								3.5	6.2	5.0
230-250	.6	.5	.6									1.8	7.1	7.0
(W) 260-280	.9	.6	.2	.1								1.8	5.9	5.0
290-310	2.3	.4	.1	.1								2.9	3.6	2.0
320-340	6.6	3.5	1.0									11.1	4.7	4.0
VARIABLE														
CALM	////////////////////////////////////											23.3	////////////////////////////////	
TOTALS	32.0	33.3	9.9	.9								100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	5.9	4.0	.2								13.2	7.5	8.0
020-040	2.2	4.0	.9	.1								7.1	6.2	6.0
050-070	.8	3.3	4.0	1.3	.2							9.6	10.1	10.0
(E) 080-100	1.1	5.8	5.6	1.3								13.8	9.5	9.5
110-130	1.4	6.1	5.7	.4								13.7	8.8	9.0
140-160	1.0	2.5	4.0	.5	.1							8.1	9.7	10.0
(S) 170-190	1.0	3.3	3.1	.1								7.5	8.4	9.0
200-220	1.0	1.8	2.3	.5	.3							5.9	9.6	10.0
230-250	.4	1.1	1.7	.2								3.4	9.2	10.0
(W) 260-280	.6	1.1	1.4	.3	.1							3.5	9.1	10.0
290-310	.5	2.2	.4	.1	.3							3.5	8.6	8.0
320-340	1.4	3.3	2.4	.8								7.8	8.4	8.0
VARIABLE														
CALM	////////////////////											2.8	////////	
TOTALS	14.5	40.4	35.5	5.8	1.0							100.0	8.	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.9	1.6	1.5	.1								4.1	8.1	8.0
020-040	.3	2.9	.6	.3	.1							4.3	8.4	8.0
050-070	1.1	5.5	5.1	2.9								14.5	10.4	10.0
(E) 080-100	1.4	9.0	8.0	1.5								19.9	9.5	9.0
110-130	.9	7.7	6.6	.8								15.9	9.0	9.0
140-160	.3	3.9	3.7	.6								8.5	9.5	10.0
(S) 170-190	.4	2.2	2.9	.3	.1							5.9	9.5	10.0
200-220	.3	2.4	2.6	.4	.2	.1						6.0	10.5	10.0
230-250	.3	.9	2.9	.5	.2							4.8	11.0	11.0
(W) 260-280	.3	1.3	1.0	.4	.4							3.4	11.5	11.0
290-310	.8	1.7	2.5	.9	.4							6.2	10.8	10.0
320-40	1.2	2.6	2.0	.1								5.9	8.0	8.0
VARIABLE														
CALM	////////////////////////////////////											.4	////////////////////////////////	
TOTALS	8.2	41.7	39.4	8.8	1.4	.1						100.0	9.6	

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	1.2	.3	.2								1.8	8.5	8.0
020-040	.2	.6	1.9	.8								3.5	11.2	12.0
050-070	.6	7.5	6.6	1.5	.1							16.3	9.8	9.5
(E) 080-100	.6	13.8	6.2	.9								21.5	8.6	8.0
110-130	1.4	8.9	3.9	.2								14.4	7.9	8.0
140-160	1.0	6.3	2.9	.1								10.3	8.1	8.0
(S) 170-190	.1	4.4	1.8	.1								6.5	8.1	8.0
200-220	.1	3.0	2.2	.3								5.6	9.4	9.0
230-250	.1	1.2	2.0	.4	.1							3.9	11.0	11.0
(W) 260-280	.4	1.8	1.9	1.0	.2							5.4	10.7	10.5
290-310	.9	1.7	2.3	1.4	.2							6.5	10.6	10.0
320-340	.2	2.2	1.5		.1							4.0	9.0	8.0
VARIABLE														
CALM	////////////////////////////////////											.3	////////////////////////////////	
TOTALS	5.7	52.6	33.5	6.9	.7							100.0	9.1	9.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: 18-20

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.0	1.6	.3									2.9	6.2	6.0
020-040	.9	2.4	1.1									4.3	7.1	7.0
050-070	4.6	7.7	3.8	.5								16.7	7.0	6.0
(E) 080-100	7.1	8.1	2.3	.2								17.6	5.9	5.0
110-130	6.2	6.7	.6	.1								13.7	5.4	5.0
140-160	5.2	3.1	.3									8.6	4.5	4.0
(S) 170-190	3.5	2.7	.2									6.5	4.5	4.0
200-220	1.6	1.3	.4	.1								3.4	5.9	5.0
230-250	.8	1.4	.3									2.5	6.4	7.0
(W) 260-280	1.8	4.1	1.5	.2								7.6	7.1	7.0
290-310	.8	2.8	1.5	.3								5.4	8.3	8.0
320-340	.8	1.5	.3									2.6	6.3	6.0
VARIABLE														
CALM	////////////////////////////////////											8.3	////////	
TOTALS	34.3	43.4	12.6	1.4								100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	1.1	.6									4.0	5.6	4.0
020-040	1.5	1.2	.4	.1								3.2	5.7	5.5
050-070	3.3	4.4	1.9	.3								10.0	6.7	6.0
(E) 080-100	8.2	7.6	3.3	.2								19.4	6.0	5.0
110-130	4.1	6.3	1.1									11.5	5.6	5.0
140-160	2.8	2.0	1.0									5.8	5.5	5.0
(S) 170-190	1.8	1.5	.1	1								3.5	5.1	4.0
200-220	1.5	.2	.1	.5								2.4	6.4	4.0
230-250	2.0	.2		.1	.1							2.5	3.9	2.0
(W) 260-280	3.9	1.6	.1									5.6	4.0	4.0
290-310	3.0	3.4	.8	.1								7.3	5.5	5.5
320-340	2.4	1.5	.8									4.6	5.5	4.0
VARIABLE														
CALM	////////////////////////////////////											20.2	////////	
TOTALS	36.8	31.0	10.2	1.4	.1							100.0	4.5	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	3.0	3.1	1.1	.1								7.3	6.0
020-040	1.1	1.7	.7	.2	.0							3.7	7.0
050-070	1.7	4.5	3.2	.9	.0							10.3	8.6
(E) 080-100	4.0	7.6	3.9	.6								16.1	7.4
110-130	3.3	6.9	2.9	.2								13.3	7.0
140-160	2.2	3.5	1.7	.2	.0							7.6	7.0
(S) 170-190	1.7	2.4	1.3	.1	.0							5.5	6.8
200-220	1.2	1.6	1.1	.3	.1	.0						4.2	7.7
230-250	.8	.8	1.1	.2	.1							2.9	8.5
(W) 260-280	1.4	1.4	.8	.3	.1							4.0	7.4
290-310	1.7	1.8	1.0	.4	.1							5.0	7.4
320-340	2.7	2.9	1.2	.1	.0							6.9	6.3
VARIABLE													
CALM	////////////////////////////////////										13.2	////////////////////////////////	
TOTALS	24.8	38.2	20.0	3.6	.4							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	3.5	7.1									12.9	8.9	11.0
020-040	2.4	1.2	2.4	1.2	1.2							8.2	10.1	11.0
050-070														
(E) 080-100		2.4										2.4	7.5	7.5
110-130	3.5	4.7	1.2									9.4	5.5	6.0
140-160	1.2											1.2	4.0	4.0
(S) 170-190	1.2	3.5	2.4									7.1	8.0	7.5
200-220	2.4	2.4	2.4	1.2								8.2	8.6	9.0
230-250	1.2		2.4									3.5	7.7	10.0
(W) 260-280	1.2	2.4										3.5	5.7	5.0
290-310	1.2	3.5	1.2									5.9	7.0	6.0
320-340	5.9	10.6	11.8	1.2								29.4	8.0	8.0
VARIABLE														
CALM	////////////////////											8.2	////////	
TOTALS	22.6	34.2	0.9	3.6	1.2							100.0	7.2	8.0

TOTAL NUMBER OF OBSERVATIONS 85

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	1.3										3.9	3.8	4.0
020-040	.4	.2	.6									1.2	7.4	7.0
050-070	2.1	2.6	1.1	.1								5.9	6.4	6.0
(E) 080-100	5.3	5.8	2.9	.3								14.3	6.6	6.0
110-130	3.4	5.3	3.1	.2								12.1	6.8	7.0
140-160	1.8	1.3	.6									3.7	4.9	5.0
(S) 170-190	2.7	.8										3.4	3.2	2.0
200-220	3.6	.2	.2	.1								4.1	3.4	2.0
230-250	2.1	.1										2.2	2.8	2.0
(W) 260-280	5.7	.8										6.4	3.0	3.0
290-310	3.7	1.6										5.2	3.8	3.0
320-340	3.7	1.2	.2									5.1	4.0	4.0
VARIABLE														
CALM	////////////////////////////////////											32.3	////////	
TOTALS	37.1	21.2	8.7	.7								100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.1	1.4	.1									6.7	3.4	3.0
020-040	.2	.3	.1									.7	6.5	7.5
050-070	1.2	1.2	.8									3.2	6.7	7.0
(E) 080-100	3.2	5.3	2.3	.1								11.0	6.6	6.0
110-130	4.7	7.0	2.2	.1								14.0	6.1	6.0
140-160	1.9	1.1	.7									3.7	5.8	4.0
(S) 170-190	2.6	1.0	.1									3.7	3.8	3.0
200-220	1.7	.2	.3									2.2	4.5	3.0
230-250	2.4	.4										2.9	2.9	2.0
(W) 260-280	3.1											3.1	2.4	2.0
290-310	3.3	.7										4.0	2.9	2.0
320-340	5.6	2.4	.6									8.6	4.4	4.0
VARIABLE														
CALM	////////////////////////////////////											36.3	////////////////////////////////	
TOTALS	35.0	21.0	7.2	.2								100.0	3.2	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.2	4.2	.4									10.9	4.4	4.0
020-040	1.3	1.1	.1									2.6	4.3	4.0
050-070	1.0	1.6	.8	.1								3.4	7.2	7.0
(E) 080-100	2.9	6.8	2.1	.2								12.0	6.8	7.0
110-130	4.1	6.3	2.9									13.3	6.5	7.0
140-160	2.1	2.2	.6									4.9	5.5	5.0
(S) 170-190	1.1	1.4	.6	.1								3.2	6.1	6.0
200-220	1.8	1.3	.1									3.2	4.3	4.0
230-250	1.0	.4	.1	.1								1.7	4.8	4.0
(W) 260-280	1.3	.6										1.9	4.1	4.0
290-310	2.9	1.7										4.6	3.9	3.0
320-340	5.4	3.3	.3	.1								9.2	4.4	4.0
VARIABLE														
CALM	////////////////////////////////////											29.1	////////////////////////////////	
TOTALS	31.1	30.9	8.0	.6								100.0	3.9	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	4.4	2.2	.1								9.8	6.3	6.0
020-040	2.0	2.0	.6									4.6	5.2	5.0
050-070	.8	4.4	3.3	1.3								9.9	9.5	9.0
(E) 080-100	1.8	9.1	4.6	.4								15.9	8.2	8.0
110-130	1.3	7.4	5.6	1.4								15.8	9.3	9.0
140-160	1.1	4.7	1.1	.7								7.6	8.0	8.0
(S) 170-190	1.8	3.7	1.0	.3	.1							6.9	7.0	6.0
200-220	1.2	2.7	1.4	.1								5.4	7.0	6.0
230-250	1.7	1.7	1.0	.2								4.6	7.0	6.0
(W) 260-280	1.3	2.2	.4	.1	.1							4.2	6.7	6.0
290-310	2.0	2.9	.9	.1								5.9	6.0	6.0
320-340	1.9	4.4	1.3	.2								7.9	7.0	7.0
VARIABLE														
CALM	////////////////////											1.7	////////	
TOTALS	19.9	49.6	23.4	4.9	.2							10.0	7.6	8.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	2.1	.9	.1								3.6	7.7	8.0
020-040	.9	.3	.4	.1								1.8	6.4	5.0
050-070	.6	4.9	6.2	1.3	.1							13.1	10.0	10.0
(E) 080-100	1.4	13.3	10.4	.8								26.0	8.8	8.0
110-130	1.6	10.1	4.7	1.1								17.4	8.5	8.0
140-160	.7	4.2	2.7	.1								7.7	8.4	8.0
(S) 170-190	.4	3.6	1.6	.4								6.0	8.8	8.0
200-220	.4	2.8	1.9	.2								5.3	8.7	8.5
230-250	.7	.8	1.9	.2	.1							3.7	10.2	12.0
(W) 260-280	.7	2.3	2.1	.4	.1							5.7	9.5	9.0
290-310	.7	3.1	1.3	.2	.1							5.4	8.3	7.0
320-340	.4	2.8	.6	.2								4.0	7.4	6.0
VARIABLE														
CALM	////////////////////////////////////											.3	////////////////////////////////	
TOTALS	8.9	50.3	34.7	5.1	.4							100.0	8.8	8.0

TOTAL NUMBER OF OBSERVATIONS 900



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.3	.9	.7									1.9	7.4	8.0
020-040	.1	.4	.8									1.3	9.8	10.5
050-070	.7	6.0	6.7	1.1								14.4	9.6	10.0
(E) 080-100	1.3	15.8	7.4	.6								25.1	8.4	8.0
110-130	1.4	10.1	3.8	.2								15.6	7.8	7.0
140-160	1.1	7.3	2.0									10.4	7.5	7.5
(S) 170-190	.7	4.4	1.8									6.9	7.6	7.5
200-220	.1	3.4	2.6	.1								6.2	9.1	9.0
230-250	.2	1.8	1.8	.4								4.2	9.8	10.0
(W) 260-280	.2	3.6	2.7	.9	.2							7.6	10.5	9.5
290-310	1.2	.8	1.6	.3								3.9	8.6	9.0
320-340	.4	1.1	.4									2.0	7.3	8.5
VARIABLE														
CALM	////////////////////////////////////											.4	////////////////////////////////	
TOTALS	7.7	55.6	32.3	3.6	.2							100.0	8.5	8.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIN DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	.4	.2									1.6	5.6	4.0
020-040	.6	2.4	1.2									4.2	7.9	8.0
050-070	2.2	8.7	3.0	.2								14.1	7.3	7.0
(E) 080-100	7.7	11.0	3.2	.3								22.2	6.2	6.0
110-130	6.3	5.0	1.0	.1								12.4	4.7	4.0
140-160	3.1	2.8	.3									6.2	4.7	4.5
(S) 170-190	6.2	2.7										8.9	3.9	4.0
200-220	2.6	2.4										5.0	4.4	4.0
230-250	1.7	1.6	.4									3.7	5.6	5.0
(W) 260-280	2.3	6.9	2.2	.1								11.6	7.1	7.0
290-310	.2	.8	.9									1.9	8.1	9.0
320-340	1.2	.7										1.9	4.4	4.0
VARIABLE														
CALM	////////////////////											6.3	////////	
TOTALS	35.0	45.4	12.4	.7								100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: 21-23

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.2	.6	.1									1.9	3.9	3.0
020-040	.8	2.0	.4									3.2	6.2	6.0
050-070	2.9	4.8	2.1	.2								10.0	7.0	7.0
(E) 080-100	7.0	10.7	3.1	.1								20.9	6.3	6.0
110-130	5.2	2.9	.1	.2								8.4	4.2	4.0
140-160	1.9	.3	.3	.1								2.7	4.7	3.5
(S) 170-190	1.9	.6	.1									2.6	3.5	3.0
200-220	3.1	.3	.1									3.6	3.0	2.0
230-250	4.6	.6										5.1	3.4	3.0
(W) 260-280	6.3	3.1	.6									10.0	4.4	4.0
290-310	2.9	1.9	.1									4.9	4.2	4.0
320-340	2.1	.7										2.8	3.8	3.0
VARIABLE														
CALM	////////////////////////////////////											24.0	////////	
TOTALS	39.9	28.5	7.0	.6								100.0	3.9	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: ALL

DIRECTION   (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	1.9	.6	.0								5.0	5.2	5.0
020-040	.8	1.1	.5	.0								2.4	6.5	6.0
050-070	1.4	4.3	3.0	.6	.0							9.3	8.4	8.0
(E) 080-100	3.8	9.7	4.5	.4								18.4	7.4	7.0
110-130	3.5	6.8	2.9	.4								13.6	7.0	7.0
140-160	1.7	3.0	1.0	.1								5.8	6.6	6.0
(S) 170-190	2.2	2.3	.6	.1	.0							5.2	5.8	5.0
200-220	1.8	1.7	.8	.1								4.4	6.0	5.0
230-250	1.8	.9	.7	.1	.0							3.5	6.1	4.0
(W) 260-280	2.6	2.4	1.0	.2	.1							6.3	6.4	5.0
290-310	2.1	1.7	.6	.1	.0							4.5	5.6	5.0
320-340	2.6	2.1	.4	.1								5.2	5.2	4.0
VARIABLE														
CALM	////////////////////											16.3	////////	
TOTALS	26.8	37.9	16.6	2.2	.1							100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

ANL/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.6	2.8										8.5	4.0	3.0
020-040			1.4									1.4	12.0	12.0
050-070		1.4	1.4									2.8	10.5	10.5
(E) 080-100	1.4	1.4	4.2	1.4								8.5	9.3	10.0
110-130		2.8	1.4	4.2								8.5	12.5	13.5
140-160	5.6	2.8	2.8	1.4								12.7	7.3	6.0
(S) 170-190	2.8			1.4								4.2	8.7	4.0
200-220			1.4	1.4								2.8	12.5	12.5
230-250	1.4		1.4									2.8	6.0	6.0
(W) 260-280		1.4	1.4									2.8	7.5	7.5
290-310	2.8	1.4	1.4									5.6	5.5	5.0
320-340	4.2	4.2										8.5	5.0	5.0
VARIABLE														
CALM	////////////////////											31.0	////////	
TOTALS	23.8	18.2	16.8	9.8								100.0	5.4	7.0

TOTAL NUMBER OF OBSERVATIONS 71

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	1.2										3.5	4.1	4.0
020-040	.8	1.4	.2									2.4	5.6	5.0
050-070	4.2	5.8	1.5									11.5	5.7	6.0
(E) 080-100	5.3	10.3	2.6	.1								18.3	6.4	6.0
110-130	6.7	5.1	1.6									13.3	5.3	4.5
140-160	3.0	1.6	.2									4.8	4.4	4.0
(S) 170-190	1.6	.4										2.0	3.2	3.0
200-220	1.3	.3										1.6	2.9	2.0
230-250	1.5											1.5	2.5	2.0
(W) 260-280	1.2	.8										1.9	4.0	3.5
290-310	2.5	1.1										3.5	3.6	3.0
320-340	3.2	.8										4.0	3.3	3.0
VARIABLE														
CALM	////////////////////////////////////											31.5	////////	
TOTALS	33.7	28.8	6.1	.1								100.0	3.5	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	2.2	.1									6.0	3.8	4.0
020-040	1.0	1.2	.1									2.3	5.6	6.0
050-070	3.9	4.8	.6									9.4	5.6	5.0
(E) 080-100	6.7	5.7	.9									13.2	5.1	4.0
110-130	7.0	6.6	.9									14.4	5.1	5.0
140-160	2.7	2.0										4.7	4.5	4.0
(S) 170-190	2.5	.9										3.3	3.4	3.0
200-220	1.5											1.5	2.1	2.0
230-250	1.4											1.4	2.2	2.0
(W) 260-280	1.6	.2										1.8	2.6	2.0
290-310	3.5	.3										3.9	2.9	2.5
320-340	4.1	.3										4.4	2.5	2.0
VARIABLE														
CALM	////////////////////////////////////											33.7	////////	
TOTALS	39.7	24.2	2.6									100.0	2.9	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.0	3.7	.3									10.0	4.2	4.0
020-040	1.9	1.1	.5		.1							3.7	5.6	4.0
050-070	3.0	4.6	2.2									9.8	6.7	6.0
(E) 080-100	4.8	6.2	1.1									12.2	5.7	6.0
110-130	5.2	7.2	1.9	.1								14.4	6.1	6.0
140-160	2.6	3.3	.4									6.3	5.3	5.0
(S) 170-190	2.8	1.0	.4									4.2	4.4	4.0
200-220	1.2	.2										1.4	2.7	2.0
230-250	1.3	.1										1.4	2.8	2.0
(W) 260-280	1.8	.1										1.9	2.5	2.0
290-310	2.2	.6										2.8	3.3	3.0
320-340	5.7	1.2										6.9	3.3	3.0
VARIABLE														
CALM	////////////////////											25.1	////////	
TOTALS	38.5	29.3	6.8	.1	.1							100.0	3.8	4.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	2.3	.2									4.4	4.9	5.0
020-040	1.5	2.7	1.0	.1								5.3	6.6	6.0
050-070	2.7	8.3	7.2	.4								18.6	8.5	8.0
(E) 080-100	2.5	11.8	7.0									21.3	7.9	8.0
110-130	2.4	5.9	6.0	.1								14.4	8.0	8.0
140-160	1.7	5.6	1.4	.1								8.8	6.7	6.0
(S) 170-190	2.0	3.0	1.4	.3								6.8	7.0	7.0
200-220	1.8	2.5	.5									4.8	5.4	5.0
230-250	1.8	.8	.3									2.9	4.8	4.0
(W) 260-280	1.4	1.4	.1									2.9	4.7	5.0
290-310	1.3	1.8	.3									3.4	5.5	6.0
320-340	2.0	1.1	.3									3.4	4.4	3.5
VARIABLE														
CALM	////////////////////////////////////											2.9	////////////////////////////////	
TOTALS	23.0	47.2	25.7	1.0								100.0	6.9	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: 12-14

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		1.1	.1									1.2	7.4	8.0
020-040	.8	1.0	1.0	.1								2.8	8.2	7.5
050-070	.4	8.0	9.8	1.4								19.6	10.0	10.0
(E) 080-100	2.0	13.0	11.6	.2								26.9	8.6	8.0
110-130	2.7	12.8	5.5									21.0	7.5	8.0
140-160	1.3	5.2	2.2									8.6	7.3	7.0
(S) 170-190	.5	4.2	1.5									6.2	7.8	8.0
200-220	.4	1.9	1.5									3.9	8.2	8.0
230-250	.8	1.4	.4	.1								2.7	7.1	6.0
(W) 260-280	.3	1.4	.3									2.0	6.4	6.0
290-310	1.0	.6	.1									1.7	4.7	4.0
320-340	.4	1.5	.2									2.2	6.1	6.5
VARIABLE														
CALM	////////////////////////////////////											1.3	////////	
TOTALS	10.6	52.1	34.2	1.8								100.0	8.1	8.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.6										.8	6.9	8.0
020-040	.5	.9	.9									2.3	8.2	8.0
050-070	1.6	10.1	11.8	1.1								24.6	9.4	10.0
(E) 080-100	2.3	14.3	7.2	.2								24.0	8.1	8.0
110-130	2.5	12.0	3.7									18.2	7.3	8.0
140-160	2.2	8.6	1.4									12.2	6.6	6.0
(S) 170-190	1.5	3.4	.8									5.7	6.5	7.0
200-220	.6	2.5	1.8	.1								5.1	8.4	8.0
230-250	.6	.6	.9	.1								2.3	7.3	7.0
(W) 260-280	.2	1.0	1.4	.2								2.8	10.1	10.0
290-310	.3	.2	.1									.6	6.5	6.0
320-340	.1	.4	.1									.6	6.7	6.5
VARIABLE														
CALM	////////////////////////////////////											1.0	////////	
TOTALS	12.5	54.6	30.1	1.7								100.0	7.9	8.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	.4	.1									1.5	4.1	3.5
020-040	1.1	3.0	1.5	.1	.1							5.8	7.6	7.0
050-070	4.6	14.8	5.9	.4								25.8	7.4	8.0
(E) 080-100	6.9	13.4	2.7									23.0	6.1	6.0
110-130	7.1	4.2	.6									11.9	4.4	4.0
140-160	5.2	1.8	.1									7.1	3.7	4.0
(S) 170-190	3.7	2.4	.2									6.2	4.1	4.0
200-220	2.7	1.3	.1									4.1	4.0	4.0
230-250	1.7	1.1	.2									3.0	4.6	4.0
(W) 260-280	.8	2.4	1.0	.1								4.2	7.2	7.0
290-310	.4	.4	.2	.1								1.2	6.9	8.0
320-340	.3	.3										.6	4.0	3.5
VARIABLE														
CALM	////////////////////////////////////											5.5	////////	
TOTALS	35.5	45.5	12.6	.7	.1							100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	1.4										3.3	4.2	4.0
020-040	1.7	1.6	.9									4.2	5.7	5.0
050-070	7.5	10.4	2.4									20.3	5.9	6.0
(E) 080-100	6.9	12.0	3.1	.2								22.3	6.3	6.0
110-130	6.5	2.9	.5									9.9	4.3	4.0
140-160	3.3	1.2	.1									4.6	3.3	2.0
(S) 170-190	2.7	.2	.3									3.2	3.5	2.0
200-220	1.4	.4	.1									1.9	4.0	3.0
230-250	1.8	.5										2.4	3.3	2.5
(W) 260-280	3.3	1.4										4.7	3.7	3.0
290-310	1.3	.9										2.2	4.0	3.5
320-340	.6	.4										1.1	4.0	4.0
VARIABLE														
CALM	////////////////////////////////////											19.9	////////	
TOTALS	38.9	33.3	7.4	.2								100.0	4.1	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	1.6	.1									3.8	4.4	4.0
020-040	1.2	1.6	.8	.0	.0							3.6	6.7	6.0
050-070	3.5	8.4	5.2	.4								17.4	7.8	8.0
(E) 080-100	4.7	10.9	4.5	.1								20.1	7.0	7.0
110-130	5.0	7.1	2.6	.0								14.7	6.2	6.0
140-160	2.7	3.7	.7	.0								7.2	5.6	5.0
(S) 170-190	2.2	1.9	.6	.0								4.7	5.5	5.0
200-220	1.4	1.1	.5	.0								3.0	5.6	5.0
230-250	1.4	.6	.2	.0								2.2	4.7	4.0
(W) 260-280	1.3	1.1	.3	.0								2.8	5.4	5.0
290-310	1.6	.8	.1	.0								2.4	4.2	4.0
320-340	2.1	.8	.1									2.9	3.7	3.0
VARIABLE														
CALM	////////////////////////////////////											15.1	////////	
TOTALS	29.2	39.6	15.7	.5								100.0	5.4	6.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	2.1	4.3	2.1									8.5	6.3	5.5
020-040	4.3	2.1	2.1									8.5	6.5	4.5
050-070	4.3	2.1	2.1									8.5	5.8	4.5
(E) 080-100	4.3										4.3	3.5	3.5	
110-130	2.1	4.3									6.4	6.0	6.0	
140-160	4.3	2.1									6.4	3.0	2.0	
(S) 170-190	6.4		2.1	2.1							10.6	9.0	7.0	
200-220	2.1	4.3									6.4	5.3	6.0	
230-250	2.1	2.1									4.3	5.0	5.0	
(W) 260-280	4.3										4.3	7.5	7.5	
290-310	2.1	2.1									4.3	8.5	8.5	
320-340	4.3	4.3									8.5	6.0	6.0	
VARIABLE														
CALM	////////////////////////////////////											19.1	////////////////////////////////	
TOTALS	32.0	36.3	8.4	4.2							100.0	5.0	5.5	

TOTAL NUMBER OF OBSERVATIONS 47

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	.3										3.2	2.7	2.0
020-040	2.4	.3										2.8	2.7	2.0
050-070	4.6	2.1	1.1									7.8	4.9	4.0
(E) 080-100	7.3	7.3	1.3									16.0	5.2	5.0
110-130	8.0	3.7	.1									11.8	3.9	3.0
140-160	1.6	.6	.1									2.2	3.8	3.0
(S) 170-190	2.4	.3	.3									3.1	3.8	3.0
200-220	2.0	.2										2.2	2.5	2.0
230-250	.8	.1										.9	2.6	2.0
(W) 260-280	1.3	.3	.1									1.8	3.3	2.0
290-310	.6											.6	1.6	2.0
320-340	2.7	.2										2.9	2.6	2.0
VARIABLE														
CALM	////////////////////////////////////											44.8	////////////////////////////////	
TOTALS	36.6	15.4	3.0									100.0	2.2	3.0

TOTAL NUMBER OF OBSERVATIONS 900



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: 03-05

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	4.4	.4	.1									5.0	2.8	2.0
020-040	2.6	.4										3.0	3.0	3.0
050-070	2.2	1.7	.7									4.6	5.6	5.0
(E) 080-100	6.8	2.8	.4									10.0	4.1	3.0
110-130	7.1	4.7	.4									12.2	4.3	4.0
140-160	1.9	.7	.1									2.7	3.9	3.0
(S) 170-190	2.0	.6	.2									2.8	4.0	4.0
200-220	.9	.3	.1									1.3	4.2	4.0
230-250	.8											.8	2.0	2.0
(W) 260-280	1.1											1.1	1.7	2.0
290-310	1.3	.1	.1									1.6	2.7	2.0
320-340	3.7											3.7	2.2	2.0
VARIABLE														
CALM	////////////////////////////////////											51.3	////////////////////////////////	
TOTALS	34.8	11.7	2.1									100.0	1.9	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.0	1.3										6.3	3.5	3.0
020-040	3.3	1.2										4.6	3.7	4.0
050-070	2.8	3.8	1.2	.1								7.9	6.1	6.0
(E) 080-100	6.2	4.7	.4									11.3	4.7	4.0
110-130	4.6	6.4	.7									11.7	5.2	5.0
140-160	2.0	1.2	.1									3.3	4.5	4.0
(S) 170-190	3.4	.8	.1									4.3	3.6	3.0
200-220	1.6	.7	.1									2.3	4.0	3.0
230-250	1.1	.2										1.3	3.3	2.5
(W) 260-280	1.0	.4										1.4	3.2	3.0
290-310	1.6	.2										1.8	2.8	3.0
320-340	3.8	.7	.2									4.7	3.2	2.0
VARIABLE														
CALM	////////////////////////////////////											39.0	////////	
TOTALS	36.4	21.6	2.8	.1								100.0	2.7	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	.9	.1									2.3	4.8	4.0
020-040	1.8	1.8	.1									3.7	5.2	5.0
050-070	3.4	7.0	4.1	.2								14.8	7.4	7.0
(E) 080-100	6.9	14.2	3.6	.1								24.8	6.5	6.0
110-130	5.2	9.3	1.4									16.0	5.9	6.0
140-160	3.3	3.3	.2									6.9	4.9	5.0
(S) 170-190	3.2	3.2	.4									6.9	5.2	5.0
200-220	3.3	2.9	.1									6.3	4.9	4.0
230-250	3.0	1.9	.4									5.3	4.9	4.0
(W) 260-280	2.2	1.0	.1									3.3	4.2	3.5
290-310	.8	1.0		.1								1.9	5.1	5.0
320-340	1.7	.1										1.8	3.3	3.0
VARIABLE														
CALM	////////////////////											6.0	////////	
TOTALS	36.1	46.6	10.5	.4								100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.4	.7	.2									1.3	5.7	5.0
020-040	.7	1.1	.3									2.1	6.5	7.0
050-070	1.8	6.1	6.0	.7								14.6	8.8	9.0
(E) 080-100	4.2	17.9	6.8	.1								29.0	7.3	7.0
110-130	2.6	14.2	3.1									19.9	7.0	7.0
140-160	3.2	5.8	.8									9.8	5.8	6.0
(S) 170-190	2.3	3.6	1.0	.1								7.0	6.3	6.0
200-220	1.3	3.2	1.7	.1								6.3	7.3	8.0
230-250	.9	1.7	.2									2.8	6.2	7.0
(W) 260-280	.4	1.2	.2									1.9	6.6	8.0
290-310	.6	.6	.4									1.6	6.8	8.5
320-340	.2	.3	.1									.7	5.8	5.0
VARIABLE														
CALM	////////////////////////////////////										3.1	////////////////////////////////		
TOTALS	18.6	56.4	20.8	1.0								100.0	6.9	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	1.0	.4									2.4	6.1	5.0
020-040	.4	1.6	.4	.1								2.6	7.0	7.0
050-070	2.8	7.9	6.2	.7	.1							17.7	8.3	8.0
(E) 080-100	3.0	16.8	5.0	.2								25.0	7.4	8.0
110-130	3.1	12.6	1.1									16.8	6.1	6.0
140-160	3.3	5.1	.2									8.7	5.3	6.0
(S) 170-190	2.3	4.4	.6									7.3	5.9	6.0
200-220	1.7	3.8	.6									6.0	6.3	6.0
230-250	1.4	1.2	.8									3.4	5.9	6.0
(W) 260-280	.8	1.0	.3									2.1	5.9	6.0
290-310	1.4	1.3	.1									2.9	5.0	4.5
320-340	.7	.7	.1									1.4	5.2	5.0
VARIABLE														
CALM	////////////////////											3.7	////	////
TOTALS	21.9	57.4	15.8	1.0	.1							100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	.8	.2									3.4	4.1	4.0
020-040	1.6	2.0	.1	.2								3.9	6.0	5.0
050-070	5.1	7.6	3.6	.3								16.6	6.8	7.0
(E) 080-100	10.7	11.7	.4									22.8	5.0	5.0
110-130	10.0	3.7										13.7	3.6	3.0
140-160	5.3	2.1	.1									7.6	3.8	3.0
(S) 170-190	4.8	1.4	.2									6.4	3.5	3.0
200-220	3.2	1.2										4.4	3.6	3.5
230-250	1.0	1.2	.1									2.3	5.0	5.0
(W) 260-280	1.6	.7	.1									2.3	4.1	3.0
290-310	.6	.4		.1								1.1	5.6	4.5
320-340	2.7	.6	.2									3.4	3.8	3.0
VARIABLE														
CALM	////////////////////											12.0	////////	
TOTALS	49.0	33.4	5.0	.6								100.0	4.2	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	.2	.1									3.7	2.8	2.0
020-040	3.1	1.4	.1									4.7	4.0	4.0
050-070	4.4	4.6	1.4	.3								10.8	6.0	5.0
(E) 080-100	10.3	10.4	1.2									22.0	5.0	5.0
110-130	6.7	1.4	.2									8.3	3.2	2.0
140-160	3.4	.2	.2									3.9	2.7	2.0
(S) 170-190	4.9	.4	.1									5.4	2.8	2.0
200-220	2.4	.2	.1									2.8	3.1	2.0
230-250	2.4	.1										2.6	2.2	2.0
(W) 260-280	1.1	.1										1.2	2.4	2.0
290-310	.6	.1										.7	3.0	2.5
320-340	1.4	.1	.1									1.7	3.1	2.0
VARIABLE														
CALM	////////////////////////////////////											32.3	////////////////////////////////	
TOTALS	44.0	19.2	3.5	.3								100.0	2.8	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD A:B FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	.7	.2									3.5	3.7	3.0
020-00	2.0	1.2	.1	.0								3.4	4.6	4.0
050-070	3.4	5.1	3.0	.3	.0							11.8	7.1	7.0
(E) 080-100	6.9	10.7	2.4	.1								20.1	6.0	6.0
110-130	5.9	7.0	.9									13.8	5.2	5.0
140-160	3.0	2.4	.2									5.6	4.7	4.0
(S) 170-190	3.2	1.8	.4	.0								5.4	4.6	4.0
200-220	2.1	1.6	.3	.0								4.0	5.0	4.0
230-250	1.4	.8	.2									2.4	4.6	4.0
(W) 260-280	1.2	.6	.1									1.9	4.2	3.0
290-310	.9	.5	.1	.0								1.5	4.4	4.0
320-340	2.1	.3	.1									2.5	3.3	2.0
VARIABLE														
CALM	////////////////////											24.0	////////	
TOTALS	34.7	32.7	8.0	.4								100.0	4.1	5.0

TOTAL NUMBER OF OBSERVATIONS 7200



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	2.2	2.2										4.4	3.5	3.5
020-040	2.2	4.4										6.7	5.3	5.0
050-070	2.2	4.4	2.2	2.2								11.1	8.4	6.0
(E) 080-100	6.7	4.4	2.2									13.3	5.0	4.0
110-130	4.4	2.2	2.2									8.9	5.0	4.5
140-160	6.7	6.7										13.3	4.2	4.5
(S) 170-190		2.2	4.4									6.7	10.3	10.0
200-220		4.4	2.2									6.7	8.0	6.0
230-250	2.2		2.2									4.4	6.5	6.5
(W) 260-280	2.2											2.2	2.0	2.0
290-310	2.2	2.2										4.4	5.5	5.5
320-340	4.4	2.2										6.7	3.7	2.0
VARIABLE														
CALM	////////////////////////////////////											11.1	////////	
TOTALS	35.4	35.3	15.4	2.2								100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 45

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	.2										2.5	3.0	3.0
020-040	1.8	.2										2.0	2.5	2.0
050-070	4.7	1.0										5.7	3.4	3.0
(E) 080-100	10.0	4.0	.5									14.5	4.0	3.0
110-130	8.8	3.2	.3									12.4	3.7	3.0
140-160	2.5	.2	.1									2.8	3.0	2.0
(S) 170-190	1.4	.3	.1									1.8	3.5	3.0
200-220	1.0	.2	.1									1.3	3.4	2.0
230-250	.5	.2										.8	4.0	4.0
(W) 260-280	1.0	.1										1.1	2.2	2.0
290-310	1.3											1.3	2.4	2.0
320-340	2.7	.1										2.8	2.3	2.0
VARIABLE														
CALM	////////////////////////////////////											51.1	////////	
TOTALS	38.0	9.7	1.1									100.0	1.7	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	.1										3.7	2.1	2.0
020-040	1.6	.1										1.7	2.5	2.0
050-070	2.0	.3	.1									2.5	3.5	3.0
(E) 080-100	6.6	2.3	.3									9.1	3.8	3.0
110-130	8.7	3.2	.2									12.2	3.8	4.0
140-160	1.9	.5	.2									2.7	3.9	3.0
(S) 170-190	1.6	.3										1.9	3.4	3.0
200-220	1.3	.1										1.4	2.2	2.0
230-250	.3	.1										.4	3.3	2.5
(W) 260-280	.6											.6	2.2	2.0
290-310	.8											.8	2.0	2.0
320-340	5.6	.1										5.7	2.2	2.0
VARIABLE														
CALM	////////////////////////////////////											57.3	////////	
TOTALS	34.5	7.1	.8									100.0	1.4	3.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.3	1.0										7.3	2.8	2.0
020-040	3.1	.6										3.8	2.9	2.0
050-070	3.7	2.0										5.7	3.9	4.0
(E) 080-100	6.2	4.3	.6									11.2	4.8	4.0
110-130	6.6	5.9	1.0									13.4	5.0	5.0
140-160	2.7	.4										3.1	3.0	3.0
(S) 170-190	2.0	.6	.2									2.9	4.1	4.0
200-220	1.1	.1										1.2	2.5	2.0
230-250	.9	.1										1.0	2.6	2.0
(W) 260-280	1.0	.2										1.2	2.9	2.0
290-310	2.0											2.0	2.1	2.0
320-340	5.4	.5										5.9	2.5	2.0
VARIABLE														
CALM	////////////////////////////////////											41.3	////////////////////////////////	
TOTALS	41.0	15.7	1.8									100.0	2.2	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD F RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	.5	.1									2.4	3.7	3.0
020-040	2.7	1.1										3.8	3.6	3.0
050-070	5.7	5.2	.6	.1								11.6	5.0	5.0
(E) 080-100	5.3	14.0	2.5	.3								22.0	6.5	6.0
110-130	5.5	14.8	3.3	.1								23.8	6.4	6.0
140-160	3.3	3.4	.5									7.3	5.2	5.0
(S) 170-190	3.3	2.7	.3									6.3	4.9	4.0
200-220	2.6	1.8	.1									4.5	4.4	4.0
230-250	2.3	1.1		.2								3.5	4.6	4.0
(W) 260-280	2.3	.2										2.5	2.9	3.0
290-310	1.7	.3										2.0	2.8	3.0
320-340	1.8	.3										2.2	3.1	3.0
VARIABLE														
CALM	////////////////////											8.1	////////	
TOTALS	38.2	45.4	7.4	.7								100.0	5.0	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.2	.1									.6	5.5	5.0
020-040	.8	.4										1.2	3.8	3.0
050-070	2.2	7.3	1.0									10.4	6.4	6.0
(E) 080-100	3.9	23.2	4.1	.1								31.3	7.0	7.0
110-130	4.5	19.5	4.7	.1								28.8	6.9	7.0
140-160	2.7	6.0	.9									9.6	5.8	6.0
(S) 170-190	1.5	2.0	.9									4.4	6.3	6.0
200-220	1.4	2.5	.2									4.1	5.9	6.0
230-250	.8	1.1	.1									1.9	4.8	5.0
(W) 260-280	.9	.8	.3									1.9	5.4	5.0
290-310	.8	.3										1.1	3.2	2.0
320-340	1.0	.3										1.3	3.9	3.5
VARIABLE														
CALM	////////////////////////////////////											3.3	////////////////////////////////	
TOTALS	20.8	63.6	12.3	.2								100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	.8										1.4	5.0	5.0
020-040	1.5	.6										2.2	3.9	3.5
050-070	2.3	6.2	1.4									9.9	6.5	7.0
(E) 080-100	6.3	22.4	3.7	.1								32.5	6.6	6.0
110-130	5.2	14.0	3.1									22.3	6.3	6.0
140-160	3.1	5.3	.4									8.8	5.5	5.0
(S) 170-190	3.0	4.3	.2									7.5	5.4	5.0
200-220	1.5	2.4	1.0									4.8	6.3	6.0
230-250	.6	.9										1.5	5.1	5.5
(W) 260-280	.8	1.0	.2									1.9	5.1	5.0
290-310	.4	.5										1.0	4.8	5.0
320-340	.8	1.0	.1									1.8	5.5	5.0
VARIABLE														
CALM	////////////////////											4.4	////////	
TOTALS	26.1	59.4	10.1	.1								100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	1.0	.1									2.7	4.0	4.0
020-040	2.3	.4										2.7	3.3	3.0
050-070	7.4	4.9	.5									12.9	4.6	4.0
(E) 080-100	16.2	10.5	.3									27.1	4.3	4.0
110-130	11.7	4.5	.6									16.9	3.9	4.0
140-160	4.6	1.3										5.9	3.3	3.0
(S) 170-190	4.6	.5		.1								5.3	3.2	3.0
200-220	1.8	1.0	.4									3.2	4.8	4.0
230-250	1.6	.4	.1									2.2	3.7	3.0
(W) 260-280	.8	.4										1.2	3.6	4.0
290-310	1.3	.3										1.6	3.5	3.0
320-340	2.3	.6	.2									3.1	4.0	3.0
VARIABLE														
CALM	////////////////////////////////////											15.3	////////	
TOTALS	56.2	25.8	2.2	.1								100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	.1										2.5	2.5	2.0
020-040	3.5	.9										4.4	3.0	2.0
050-070	6.0	2.5	.2									8.7	4.0	4.0
(E) 080-100	13.1	5.3	.4									18.8	3.8	3.0
110-130	8.6	2.3	.3									11.2	3.3	2.0
140-160	2.7	1.1	.2									4.0	3.9	3.0
(S) 170-190	3.5	.6										4.2	3.0	3.0
200-220	2.7	.3										3.0	2.8	2.0
230-250	.8	.3	.1									1.2	4.2	2.0
(W) 260-280	1.2											1.2	2.0	2.0
290-310	.8											.8	2.0	2.0
320-340	2.2	.1										2.3	2.8	3.0
VARIABLE														
CALM	////////////////////////////////////											37.8	////////////////////////////////	
TOTALS	47.5	13.5	1.2									100.0	2.1	3.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	.5	.0									2.9	3.1	3.0
020-040	2.2	.6										2.7	3.2	2.0
050-070	4.2	3.7	.5	.0								8.4	5.0	4.0
(E) 080-100	8.5	10.7	1.6	.1								20.8	5.5	5.0
110-130	7.4	8.4	1.7	.0								17.6	5.4	5.0
140-160	2.9	2.3	.3									5.5	4.6	4.0
(S) 170-190	2.6	1.4	.2	.0								4.3	4.5	4.0
200-220	1.7	1.0	.2									2.9	4.6	4.0
230-250	1.0	.5	.0	.0								1.6	4.3	4.0
(W) 260-280	1.0	.3	.1									1.5	3.6	3.0
290-310	1.1	.2										1.3	2.8	2.0
320-340	2.7	.4	.0									3.1	3.0	2.0
VARIABLE														
CALM	////////////////////////////////////											27.3	////////////////////////////////	
TOTALS	37.7	30.0	4.6	.1								100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MIE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.5											4.5	3.0	3.0
020-040														
050-070		9.1	9.1									18.2	8.5	9.0
(E) 080-100	4.5	9.1										13.6	5.3	6.0
110-130	4.5		4.5									9.1	8.0	8.0
140-160		4.5	4.5									9.1	9.5	9.5
(S) 170-190	4.5	9.1										13.6	5.7	6.0
200-220	4.5	4.5										9.1	4.5	4.5
230-250				4.5								4.5	15.0	15.0
(W) 260-280		9.1										9.1	7.5	7.5
290-310														
320-340		4.5										4.5	5.0	5.0
VARIABLE														
CALM	////////////////////////////////////											4.5	////////////////////////////////	
TOTALS	22.5	49.9	18.1	4.5								100.0	6.8	6.0
TOTAL NUMBER OF OBSERVATIONS 22														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6											2.6	2.5	2.0
020-040	1.9	.1										2.0	1.9	2.0
050-070	5.6	1.9	.1									7.6	3.5	3.0
(E) 080-100	10.9	4.4	1.0									16.2	4.2	4.0
110-130	8.4	2.0	.4									10.9	3.6	3.0
140-160	2.0	.8	.1									2.9	3.5	3.0
(S) 170-190	1.5	.1	.2									1.8	3.6	2.0
200-220	.6	.1	.2	.1								1.1	6.2	3.0
230-250	.5	.1										.6	2.3	2.0
(W) 260-280	.5	.1										.6	3.0	2.0
290-310	1.4											1.4	2.0	2.0
320-340	2.7											2.7	2.2	2.0
VARIABLE														
CALM	////////////////////////////////////											49.5	////////////////////////////////	
TOTALS	38.6	9.6	2.0	.1								100.0	1.8	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	.3										3.9	2.7	2.0
020-040	1.7											1.7	1.9	2.0
050-070	3.3	1.2	.2									4.7	4.0	3.0
(E) 080-100	9.1	2.5	.3	.2								12.2	3.8	3.0
110-130	7.5	2.6	.2									10.3	3.8	4.0
140-160	1.4	1.1										2.5	3.9	3.0
(S) 170-190	1.0	.4	.6									2.0	6.7	5.0
200-220	.9	.1	.1									1.1	3.8	2.0
230-250	.3	.4										.8	4.3	5.0
(W) 260-280	.8											.8	2.6	2.0
290-310	1.8		.1									1.9	2.4	2.0
320-340	4.0	.1										4.1	2.4	2.0
VARIABLE														
CALM	////////////////////////////////////											54.1	////////	
TOTALS	35.3	8.7	1.5	.2								100.0	1.7	3.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: 06-08

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	5.8	.4										6.2	2.7	2.5
020-040	2.6	.4										3.0	3.0	3.0
050-070	3.0	1.5	.2	.1								4.8	4.4	4.0
(E) 080-100	8.1	3.3	1.0									12.4	4.5	4.0
110-130	7.3	4.3	.2									11.8	4.2	4.0
140-160	2.3	.9										3.1	3.3	2.0
(S) 170-190	2.0	1.2	.4									3.7	4.5	4.0
200-220	1.6	.3	.3	.1								2.4	5.0	3.0
230-250	.8	.2		.1								1.1	4.3	2.0
(W) 260-280	1.2	.2										1.4	2.7	2.0
290-310	1.0											1.0	2.6	2.0
320-340	6.8	.2										7.0	2.3	2.0
VARIABLE														
CALM	////////////////////////////////////											42.2	////////////////////////////////	
TOTALS	42.5	12.9	2.1	.3								100.0	2.2	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	.9										2.7	3.6	4.0
020-040	1.6	1.1										2.7	4.1	4.0
050-070	4.5	6.6	1.1	.1								12.3	5.6	5.0
(E) 080-100	5.9	15.7	3.0	.4								25.1	6.4	6.0
110-130	5.3	14.9	1.1									21.3	5.9	6.0
140-160	3.3	4.7	.5									8.6	5.1	5.0
(S) 170-190	2.6	2.6	.6	.2								6.0	5.7	5.0
200-220	2.6	1.0	.8									4.3	5.2	4.0
230-250	1.8	.8	.3									2.9	4.2	3.0
(W) 260-280	1.0	.4										1.4	3.5	3.0
290-310	1.8	.4										2.3	3.2	3.0
320-340	1.2	.9										2.0	4.3	4.0
VARIABLE														
CALM	////////////////////											8.5	////////	
TOTALS	33.4	50.0	7.4	.7								100.0	5.1	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	.3										1.0	3.8	4.0
020-040	.8	.4										1.2	3.9	4.0
050-070	1.4	7.5	3.0	.3								12.3	7.6	7.0
(E) 080-100	3.3	22.0	5.8	.2								31.4	7.2	7.0
110-130	4.1	17.1	3.1									24.3	6.7	7.0
140-160	2.0	5.7	.8									8.5	6.2	6.0
(S) 170-190	1.3	4.7	.4	.3								6.8	6.7	6.0
200-220	1.7	1.7	1.1	.3								4.8	7.1	7.0
230-250	1.1	1.1	.1									2.3	4.9	5.0
(W) 260-280	1.0	1.1	.4									2.5	5.9	6.0
290-310	.4	1.0	.1									1.5	5.7	6.0
320-340	.5	.8										1.3	4.7	5.0
VARIABLE														
CALM	////////////////////////////////////											2.3	////////////////////////////////	
TOTALS	18.2	63.4	14.8	1.1								100.0	6.6	7.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	.3	.2									1.3	5.0	3.5
020-040	.9	.5	.3									1.7	5.9	4.5
050-070	1.8	7.5	2.4	.3								12.0	7.3	7.0
(E) 080-100	4.6	21.5	4.3	.1								30.5	6.8	7.0
110-130	5.5	16.1	1.0	.2								22.8	6.3	6.0
140-160	2.4	4.6	.9									7.8	6.1	6.0
(S) 170-190	.8	3.4	.3									4.5	6.3	6.0
200-220	1.4	3.3	.6	.1								5.5	6.7	6.0
230-250	1.0	1.5		.1								2.6	5.5	5.0
(W) 260-280	1.4	.5	.2	.1								2.3	5.3	4.0
290-310	1.6	1.4			.1							3.1	5.0	4.0
320-340	.8	.9										1.6	4.9	5.0
VARIABLE														
CALM	////////////////////////////////////											4.2	////////////////////////////////	
TOTALS	23.0	61.5	10.2	.9	.1							100.0	6.2	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	.9	.2									4.6	3.8	3.0
020-040	1.2	1.0	.2	.1								2.5	5.3	5.0
050-070	5.7	7.0	1.4	.2								14.3	5.6	5.0
(E) 080-100	15.5	8.0	.6	.2								24.3	4.2	4.0
110-130	12.0	3.7	.2									15.9	3.6	3.0
140-160	4.5	.5										5.1	3.0	3.0
(S) 170-190	2.9	1.5	.2	.1								4.7	4.0	3.0
200-220	1.6	.4	.3									2.4	4.5	4.0
230-250	1.9	.3										2.3	3.3	3.0
(W) 260-280	1.2	.6										1.8	3.6	3.0
290-310	1.7	.2										1.9	2.9	2.0
320-340	2.3	.5	.2									3.0	3.7	3.0
VARIABLE														
CALM	////////////////////											17.2	////////	
TOTALS	54.0	24.6	3.3	.6								100.0	3.4	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	.2										2.4	2.8	2.5
020-040	1.8	.5										2.4	3.2	2.5
050-070	5.6	3.5	.4									9.6	4.5	4.0
(E) 080-100	14.4	5.9	1.0	.2								21.5	4.0	3.0
110-130	9.2	1.3	.1									10.6	3.1	3.0
140-160	3.1	.3	.3									3.8	3.4	2.0
(S) 170-190	2.5	.4	.3									3.2	3.8	2.0
200-220	1.0	.4										1.4	3.9	4.0
230-250	.6											.6	2.2	2.0
(W) 260-280	1.1											1.1	2.6	2.5
290-310	1.5	.2	.1									1.8	3.4	3.0
320-340	2.8											2.8	2.3	2.0
VARIABLE														
CALM	////////////////////////////////////											38.8	////////////////////////////////	
TOTALS	45.8	12.7	2.2	.2								100.0	2.2	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	.4	.1									3.1	3.2	3.0
020-040	1.6	.5	.1	.0								2.2	3.6	3.0
050-070	3.9	4.6	1.1	.1								9.7	5.7	5.0
(E) 080-100	9.0	10.4	2.1	.2								21.7	5.5	5.0
110-130	7.4	7.8	.8	.0								16.0	5.1	5.0
140-160	2.6	2.3	.3									5.3	4.8	5.0
(S) 170-190	1.8	1.8	.4	.1								4.1	5.4	5.0
200-220	1.4	.9	.4	.1								2.9	5.8	5.0
230-250	1.0	.6	.1	.0								1.6	4.2	3.5
(W) 260-280	1.0	.4	.1	.0								1.5	4.1	3.0
290-310	1.4	.4	.0		.0							1.9	3.6	3.0
320-340	2.6	.4	.0									3.1	2.9	2.0
VARIABLE														
CALM	////////////////////////////////////											27.1	////////////////////////////////	
TOTALS	36.3	30.5	5.5	.5								100.0	3.7	5.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010		5.6	2.8								8.3	7.7	6.0
020-040		2.8		2.8							5.6	12.0	12.0
050-070	2.8										2.8	2.0	2.0
(E) 080-100			8.3								8.3	11.3	10.0
110-130	5.6	2.8	2.8								11.1	6.5	6.5
140-160	2.8	2.8	8.3								13.9	9.0	10.0
(S) 170-190		2.8	11.1	5.6							19.4	11.7	12.0
200-220				2.8							2.8	18.0	18.0
230-250	2.8										2.8	3.0	3.0
(W) 260-280	2.8	2.8	2.8								8.3	6.7	6.0
290-310					2.8						2.8	20.0	20.0
320-340	8.3										8.3	3.3	4.0
VARIABLE													
CALM	////////////////////										5.6	////////	
TOTALS	25.1	19.6	36.1	11.2	2.8						100.0	8.5	10.0

TOTAL NUMBER OF OBSERVATIONS 36

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	.8			.1							4.8	3.3	3.0
020-040	2.4	1.4	.6									4.4	5.0	4.0
050-070	5.2	3.1	1.2	.2								9.8	5.4	4.0
(E) 080-100	9.6	7.0	.8									17.3	4.5	4.0
110-130	5.0	2.9	.7									8.6	4.7	4.0
140-160	1.9	1.3	.3									3.6	5.0	4.0
(S) 170-190	1.0	1.0										2.0	4.7	4.5
200-220	1.2	.7	.1									2.0	4.4	3.5
230-250	.4	.1										.6	2.4	2.0
(W) 260-280	.4	.3										.8	4.1	4.0
290-310	1.2	.2	.2									1.7	3.9	2.0
320-340	4.6	.7	.2									5.4	3.2	2.0
VARIABLE														
CALM	////////////////////////////////////											39.1	////////	
TOTALS	36.8	19.5	4.1	.2	.1							100.0	2.7	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.3	1.6										5.9	3.2	2.0
020-040	1.7	.8	.2	.1								2.8	5.0	3.0
050-070	3.6	3.9	.6	.2								8.2	5.8	5.0
(E) 080-100	6.6	5.3	.6									12.4	4.7	4.0
110-130	4.8	3.3										8.1	4.4	4.0
140-160	1.3	1.6										2.9	4.2	5.0
(S) 170-190	.9	1.2	.2									2.3	5.8	6.0
200-220	.4	.6										1.0	5.2	6.0
230-250	.3	.1										.4	4.0	3.0
(W) 260-280	.3	.2										.6	4.0	2.0
290-310	.4	.1	.2	.1	.1							1.0	7.9	8.0
320-340	6.0	.2										6.2	2.4	2.0
VARIABLE														
CALM	////////////////////////////////////											48.1	////////////////////////////////	
TOTALS	30.6	18.9	1.8	.4	.1							100.0	2.3	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: 06-08

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	7.0	2.8										9.8	3.3	3.0
020-040	5.1	1.4	.2									6.8	3.6	3.0
050-070	3.7	3.2	1.4	.1								8.4	5.9	6.0
(E) 080-100	4.7	5.0	.7									10.3	5.1	5.0
110-130	4.7	5.2	.8									10.7	5.3	5.0
140-160	1.6	1.7	.1									3.3	4.7	5.0
(S) 170-190	1.7	1.9	.1									3.7	4.7	5.0
200-220	1.1	.7	.1									1.9	4.6	4.0
230-250		.3										.3	8.0	8.0
(W) 260-280	.7			.1	.1							.9	6.8	2.0
29-310	1.1			.1								1.2	3.4	2.0
320-340	6.2	.4	.1									6.8	2.7	2.0
VARIABLE														
CALM	////////////////////////////////////											35.9	////////////////////////////////	
TOTALS	37.6	22.6	3.5	.3	.1							100.0	2.9	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

TOTAL NUMBER OF OBSERVATIONS 900



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	1.9	.3									4.7	4.7	4.0
020-040	4.1	3.9	1.2									9.2	5.7	5.0
050-070	4.4	10.1	3.3	.2	.1							18.2	6.9	6.5
(E) 080-100	4.7	14.0	3.0	.1								21.8	6.7	6.0
110-130	2.1	8.3	3.2	.3								14.0	7.2	7.0
140-160	2.6	3.6	.6	.1								6.8	5.8	6.0
(S) 170-190	1.1	3.3	1.7	.1								6.2	7.2	7.0
200-220	2.7	1.9	1.1									5.7	5.7	5.0
230-250	.9	.8	.2	.1								2.0	6.2	6.0
(W) 260-280	1.2	.2		.2								1.7	5.5	4.0
290-310	1.3	.3	.1									1.8	3.4	3.0
320-340	1.2	.7										1.9	4.0	4.0
VARIABLE														
CALM	////////////////////////////////////											6.1	////////////////////////////////	
TOTALS	28.7	49.0	14.7	1.1	.1							100.0	6.0	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIN	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	.2	.3									1.2	5.6	3.0
020-040	.9	1.8	1.0	.2								3.9	7.7	8.0
050-070	2.6	11.6	7.0	.4	.1							21.7	8.4	8.0
(E) 080-100	3.3	20.3	5.4	.1								29.2	7.3	7.0
110-130	2.4	10.4	3.1	.2								16.2	7.3	7.0
140-160	1.4	4.6	1.1	.1								7.2	6.9	7.0
(S) 170-190	.9	3.2	1.9									6.0	7.7	8.0
200-220	.8	2.4	1.4									4.7	7.6	7.0
230-250	.8	1.2	.3	.1								2.4	6.5	6.0
(W) 260-280	.7	.6	.2	.1	.1							1.7	7.6	6.0
290-310	.4	.8										1.2	5.1	5.0
320-340	.8	.7	.3									1.8	5.7	5.0
VARIABLE														
CALM	////////////////////											2.8	////////	
TOTALS	15.7	57.8	22.0	1.2	.2							100.0	7.3	7.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.9	1.0	.2									2.1	5.3	5.0
020-040	1.2	3.0	2.1	.6								6.9	8.3	8.0
050-070	3.7	13.6	7.9	.3								25.4	7.8	8.0
(E) 080-100	6.2	13.4	4.0	.1								23.8	6.6	6.0
110-130	4.4	8.0	1.2	.1								13.8	6.0	6.0
140-160	1.9	3.6	.4									5.9	5.8	6.0
(S) 170-190	1.2	3.4	.7									5.3	6.3	6.0
200-220	.9	1.9	.9									3.7	7.4	8.0
230-250	.8	1.0	.2	.2								2.2	7.0	6.0
(W) 260-280	.8	1.1	.2	.1								2.2	6.3	5.5
290-310	1.4	.6	.1									2.1	4.3	3.0
320-340	1.0	1.0	.2									2.2	5.2	5.0
VARIABLE														
CALM	////////////////////////////////////											4.3	////////////////////////////////	
TOTALS	24.4	51.6	18.1	1.4								100.0	6.5	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: 18-20

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		2.2	1.6										3.8	4.0	4.0
020-040		2.9	4.3	1.2	.4								8.9	6.5	6.0
050-070		12.2	11.8	1.8	.1								25.9	5.3	5.0
(E) 080-100		12.6	6.9										19.4	4.2	4.0
110-130		5.8	1.6	.4									7.8	3.9	3.0
140-160		2.1	1.4	.2									3.8	4.5	4.0
(S) 170-190		2.4	1.0	.1									3.6	3.9	3.0
200-220		1.7	.7	.1									2.4	3.9	3.0
230-250		1.2		.3									1.6	4.9	3.0
(W) 260-280		1.1	.8	.1		.1							2.1	5.2	4.0
290-310		.9	.8										1.7	4.3	4.0
320-340		1.9	.6										2.4	3.7	3.0
VARIABLE															
CALM		////////////////////////////////////										16.7	////////////////////////////////		
TOTALS		47.0	31.5	4.2	.5	.1							100.0	4.0	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.1	1.0										6.1	3.1	3.0
020-040	4.4	2.1	.6	.2								7.3	4.9	4.0
050-070	7.6	6.0	2.0	.2	1							15.9	5.5	5.0
(E) 080-100	12.1	7.6	1.6									21.2	4.8	4.0
110-130	4.6	1.6	.1									6.2	3.4	3.0
140-160	1.1	1.2	.1									2.4	4.5	5.0
(S) 170-190	2.4	.9										3.3	3.7	4.0
200-220	.9		.3									1.2	4.6	2.0
230-250	.8	.2										1.0	3.4	2.0
(W) 260-280	.7											.7	2.7	2.5
290-310	.8	.1	.2									1.1	4.3	2.0
320-340	2.9	.2	.1									3.2	2.8	2.0
VARIABLE														
CALM	////////////////////////////////////											30.2	////////	
TOTALS	43.4	20.9	5.0	.4	.1							100.0	3.1	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	1.3	.1		.0							4.8	3.7	3.0
020-040	2.8	2.3	.9	.2								6.3	5.8	5.0
050-070	5.4	7.9	3.2	.2	.0							16.7	6.6	6.0
(E) 080-100	7.5	9.9	2.0	.0								19.4	5.7	5.0
110-130	4.2	5.2	1.2	.1								10.7	5.7	5.0
140-160	1.7	2.4	.4	.0								4.5	5.5	5.0
(S) 170-190	1.5	2.0	.6	.0								4.1	5.9	6.0
200-220	1.2	1.1	.5									2.8	5.9	5.0
230-250	.7	.5	.1	.1								1.3	5.7	5.0
(W) 260-280	.7	.4	.1	.1	.0							1.3	5.7	4.0
290-310	1.0	.4	.1	.0	.0							1.5	4.4	3.0
320-340	3.1	.6	.1									3.7	3.3	3.0
VARIABLE														
CALM	////////////////////											22.9	////////	
TOTAS	33.1	34.0	9.3	.7								100.0	4.3	5.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	2.0	4.0	2.0								8.0	7.0	7.0
020-040	2.0	8.0	2.0	2.0							14.0	8.3	8.0
050-070	2.0	4.0	6.0								12.0	8.5	9.0
(E) 080-100													
110-130		2.0	2.0	2.0							6.0	10.3	10.0
140-160	2.0	4.0	2.0								8.0	6.5	6.5
(S) 170-190		2.0									2.0	8.0	8.0
200-220	4.0	2.0									6.0	3.3	3.0
230-250		10.0									10.0	8.0	8.0
(W) 260-280	2.0	2.0	2.0	2.0	2.0						10.0	11.8	10.0
290-310		6.0	4.0	4.0	2.0						16.0	12.4	11.0
320-340	2.0	2.0	4.0								8.0	8.3	9.5
VARIABLE													
CALM	////////////////////////////////////										.0	////////////////////////////////	
TOTALS	16.0	46.0	24.0	10.0	4.0						100.0	8.9	8.0

TOTAL NUMBER OF OBSERVATIONS 50

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.9	4.4	.1									11.4	4.2	4.0
020-040	2.2	2.6	1.0									5.7	5.8	5.0
050-070	5.8	7.6	2.7									16.1	6.1	6.0
(E) 080-100	7.1	5.9	.5									13.5	4.4	4.0
110-130	3.7	1.0										4.6	3.4	3.0
140-160	.2											.2	1.5	1.5
(S) 170-190	.9	.1										1.0	2.8	3.0
200-220	.8											.8	3.1	3.0
230-250	.3		.1									.4	4.3	2.0
(W) 260-280	.6	.1										.8	2.7	2.0
290-310	1.6	.2	.3									2.2	4.1	3.0
320-340	8.3	3.2										11.5	3.9	4.0
VARIABLE														
CALM	////////////////////////////////////											31.8	////////////////////////////////	
TOTALS	38.4	25.1	4.7									100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: 03-05

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	8.3	3.8	.1									12.2	4.2	4.0
020-040	1.7	1.4	.8									3.9	5.8	5.0
050-070	4.8	7.2	1.3									13.3	5.6	5.0
(E) 080-100	7.1	3.7	.3									11.1	4.2	4.0
110-130	2.5	1.5										4.0	4.1	3.0
140-160	.4	.1										.5	2.6	2.0
(S) 170-190	.4	.1										.5	3.0	3.0
200-220	.3	.1		.1								.5	6.2	3.0
230-250	.3	.1										.4	2.8	2.0
(W) 260-280	.5											.5	2.4	2.0
290-310	2.3	.3	.2									2.8	3.9	3.0
320-340	12.4	4.5										16.9	3.6	4.0
VARIABLE														
CALM	////////////////////////////////////											33.3	////////////////////////////////	
TOTALS	41.0	22.8	2.7	.1								100.0	2.9	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	11.4	7.1										18.5	4.1	4.0
020-040	3.9	3.1	1.3									8.3	5.4	5.0
050-070	4.8	6.0	.9	.1								11.8	5.4	5.0
(E) 080-100	4.4	4.3	.2									8.9	4.5	5.0
110-130	2.7	1.6	.1									4.4	4.1	4.0
140-160	.9		.2									1.1	4.5	3.5
(S) 170-190	.6	.2										.9	3.3	3.0
200-220	.5		.2									.8	5.1	3.0
230-250	.1	.1	.1									.3	5.7	5.0
(W) 260-280	.5	.1										.6	3.3	2.5
290-310	1.4		.1									1.5	2.9	2.0
320-340	10.9	4.9	.5									16.3	4.0	4.0
VARIABLE														
CALM	////////////////////											26.6	////////	
TOTALS	42.1	27.4	3.6	.1								100.0	3.3	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	9.4	1.3									14.7	5.9	6.0
020-040	2.9	7.4	4.1	.2								14.6	7.4	7.0
050-070	2.2	10.0	10.1	.2								22.5	8.8	9.0
(E) 080-100	4.0	9.6	3.7	.1								17.3	7.0	7.0
110-130	1.5	4.4	1.2									7.1	6.6	6.0
140-160	1.7	2.0	.5	.1								4.4	5.9	5.0
(S) 170-190	.4	1.1	.1									1.6	5.9	6.0
200-220	1.0	1.2										2.2	4.8	5.0
230-250	1.2	.5										1.7	3.8	4.0
(W) 260-280	.5	.5	.1									1.2	5.1	5.0
290-310	1.4	.4	.4									2.3	5.0	4.0
320-340	3.3	3.0	.6									7.0	5.3	5.0
VARIABLE														
CALM	////////////////////////////////////											3.4	////////////////////////////////	
TOTALS	24.2	49.5	22.1	.6								100.0	6.7	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	1.9	.8									4.1	6.3	5.5
020-040	.8	4.3	6.0	.8								11.8	10.0	10.0
050-070	1.9	13.2	12.0	1.8	.1							29.1	9.6	9.0
(E) 080-100	2.6	16.6	6.6	.4								26.1	7.8	8.0
110-130	2.6	5.9	1.5									10.0	6.3	6.0
140-160	1.0	2.2	.4									3.5	6.2	6.0
(S) 170-190	.2	.9	.1	.1								1.3	7.5	7.0
200-220	1.0	1.4	.8									3.1	6.6	7.0
230-250		1.2	.3									1.5	7.1	6.0
(W) 260-280	.6	1.1	.1									1.8	5.7	6.0
290-310	1.0	1.5										2.5	5.4	5.0
320-340	1.7	1.4	.6									3.8	5.4	6.0
VARIABLE														
CALM	////////////////////////////////////											1.3	////////////////////////////////	
TOTALS	14.8	51.6	29.2	3.1	.1							100.0	8.0	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				
(N) 350-010	.5	1.6	.4									2.6	6.5	6.0
020-040	.3	6.5	6.9	.5								14.2	9.9	10.0
050-070	2.7	17.0	13.4	1.0								34.1	8.8	9.0
(E) 080-100	4.7	14.4	2.2									21.3	6.4	6.0
110-130	3.9	6.5	.1									10.4	5.2	5.0
140-160	1.4	1.9	.1									3.4	5.4	5.0
(S) 170-190	.5	1.5										2.0	5.6	6.0
200-220	.3	1.6	.5									2.5	7.1	7.0
230-250	.6	.8										1.4	5.2	5.0
(W) 260-280	.8	.2										1.0	3.4	3.0
290-310	1.0	1.4	.1									2.5	5.3	5.0
320-340	1.1	1.9	.3									3.3	5.7	5.0
VARIABLE														
CALM	////////////////////////////////////											1.3	////////	
TOTALS	17.8	55.3	24.0	1.5								100.0	7.4	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	3.9	.2		.1	.1						7.7	5.5	5.0
020-040	5.1	10.1	3.0	.1								18.3	6.5	6.0
050-070	9.7	15.3	3.8	.3								29.0	6.1	6.0
(E) 080-100	10.0	3.8	.5									14.3	3.9	3.0
110-130	5.3	.2	.1									5.6	2.7	2.0
140-160	1.9											1.9	2.0	2.0
(S) 170-190	2.7	.2										2.9	2.7	2.0
200-220	1.5	.1										1.6	2.9	3.0
230-250	1.0											1.0	2.1	2.0
(W) 260-280	.5	.3										.9	3.9	3.5
290-310	1.2	.6	.1									1.9	4.0	4.0
320-340	1.6	1.2						.1				2.9	5.3	4.0
VARIABLE														
CALM	////////////////////											11.9	////////	
TOTALS	43.9	35.7	7.7	.4	.1	.1	.1					100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.8	4.1	.3									11.2	4.5	4.0
020-040	4.2	3.8	1.8	.4								10.2	6.6	6.0
050-070	7.7	9.5	4.1	.5								21.8	6.4	6.0
(E) 080-100	7.1	5.7	.8									13.5	4.6	4.0
110-130	3.8	.5	.3									4.6	3.6	3.0
140-160	1.0	.1										1.1	2.5	2.0
(S) 170-190	.8	.1										.9	3.6	3.5
200-220	.8											.8	1.9	2.0
230-250	.5											.5	1.8	2.0
(W) 260-280	1.3											1.3	2.2	2.0
290-310	1.5	.1	.1									1.7	3.8	3.5
320-340	4.7	1.1	.1	.1								6.0	3.9	3.0
VARIABLE														
CALM	////////////////////											26.3	////////	
TOTALS	40.2	25.0	7.5	1.0								100.0	3.8	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.3	4.5	.4		.0	.0						10.3	4.8	4.0
020-040	2.6	4.9	3.1	.3								10.9	7.5	7.0
050-070	5.0	10.7	6.0	.5	.0							22.2	7.5	7.0
(E) 080-100	5.9	8.0	1.8	.1								15.8	5.8	5.0
110-130	3.2	2.7	.4									6.3	4.8	4.0
140-160	1.1	.8	.2	.0								2.0	4.9	4.0
(S) 170-190	.8	.5	.0	.0								1.4	4.4	4.0
200-220	.8	.6	.2	.0								1.5	5.3	4.0
230-250	.5	.3	.1									.9	4.4	4.0
(W) 260-280	.7	.3	.0									1.0	3.9	3.0
290-310	1.4	.6	.2									2.2	4.4	4.0
320-340	5.5	2.7	.3	.0			.0					8.5	4.2	4.0
VARIABLE														
CALM	////////////////////											17.0	////////	
TOTALS	32.8	36.6	12.7	.9								100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 7440



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	1.7	3.4	3.4			1.7					10.3	10.3	8.0
020-040		3.4	3.4								6.9	10.0	9.5
050-070			1.7	1.7							3.4	12.5	12.5
(E) 080-100	3.4	5.2		1.7							10.3	7.8	7.5
110-130		5.2									5.2	5.3	5.0
140-160													
(S) 170-190													
200-220													
230-250													
(W) 260-280													
290-310	3.4	1.7	10.3								15.5	8.9	10.0
320-340	15.5	24.1	5.2	1.7							46.6	5.9	5.0
VARIABLE													
CALM	////////////////////										1.7	////////////////	
TOTALS	24.0	43.0	24.0	5.1		1.7					100.0	7.4	6.0

TOTAL NUMBER OF OBSERVATIONS 58

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.1	7.2	.3	.1								13.8	5.0	5.0
020-040	2.7	1.4	1.1	.2								5.4	5.9	5.0
050-070	5.1	4.4	2.8	.2								12.6	6.5	6.0
(E) 080-100	7.3	8.3	2.6	.2								18.4	5.9	5.0
110-130	2.8	2.9	.6	.1								6.3	5.6	5.0
140-160	2.0	.9	.1									3.0	3.8	4.0
(S) 170-190	.9	.6	.3									1.8	5.9	4.5
200-220	.4	.2										.7	3.5	3.0
230-250	.8	.1										.9	2.8	2.0
(W) 260-280	.6	.1										.7	3.5	3.5
290-310	1.9	.6										2.4	3.6	3.0
320-340	5.2	3.4	.6	.1								9.3	4.9	4.0
VARIABLE														
CALM	////////////////////											24.7	////////	
TOTALS	35.8	30.1	8.4	.9								100.0	4.1	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A" .  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.8	5.4	.8	.1								15.1	4.6	4.0
020-040	1.6	1.2	.8									3.6	6.0	5.0
050-070	3.8	4.6	1.7	.3								10.3	6.4	6.0
(E) 080-100	5.8	7.6	1.2	.2								14.8	5.8	5.0
110-130	5.6	4.1	.4									10.1	4.6	4.0
140-160	2.0											2.0	2.5	2.0
(S) 170-190	.8	.4	.2									1.4	5.5	4.0
200-220	.8	.4	.1									1.3	4.7	4.0
230-250	.2	.1										.3	3.7	2.0
(W) 260-280	.9											.9	2.1	2.0
290-310	1.4	.6										2.0	3.8	3.0
320-340	5.8	3.9	1.0									10.7	4.9	4.0
VARIABLE														
CALM	////////////////////											27.4	////////	
TOTALS	37.5	28.2	6.2	.6								100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	10.0	8.1	1.1	.2								19.4	5.0	4.0
020-040	1.0	1.0	.4									2.4	5.8	6.0
050-070	3.1	4.4	3.1	.2								10.9	7.3	7.0
(E) 080-100	4.3	8.3	1.7	.1								14.4	6.2	6.0
110-130	4.8	4.1	.2									9.1	4.7	4.0
140-160	1.9	1.2										3.1	4.1	4.0
(S) 170-190	1.2	.1										1.3	2.9	3.0
200-220	.7	.3	.2									1.2	6.1	4.0
230-250	.8		.1									.9	3.8	2.0
(W) 260-280	.7	.2	.1									1.0	4.7	3.0
290-310	1.6	.2	.2									2.0	3.8	3.0
320-340	5.0	4.1	1.3	.1								10.6	5.5	5.0
VARIABLE														
CALM	////////////////////											23.6	////////	
TOTALS	35.1	32.0	8.4	.6								100.0	4.2	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	8.9	3.3	.3	.1							16.0	7.1	6.0
020-040	3.0	3.8	2.1	.2								9.1	7.0	6.0
050-070	1.6	6.8	5.8	1.2	.2							15.6	9.6	9.0
(E) 080-100	1.2	10.0	7.8	.2								19.2	8.8	9.0
110-130	1.0	8.4	3.7	.1								13.2	8.1	8.0
140-160	.7	2.9	1.3									4.9	7.6	8.0
(S) 170-190	1.0	1.1	.3									2.4	5.5	5.0
200-220	.7	1.2	.2									2.1	5.6	5.0
230-250	.6	.9	1.0									2.4	7.8	7.5
(W) 260-280	.9	.8	.2									1.9	5.5	6.0
290-310	1.2	.7	.2	.1								2.2	5.6	4.0
320-340	2.1	4.3	1.6	.1								8.1	7.0	7.0
VARIABLE														
CALM	////////////////////////////////////											2.8	////////	
TOTALS	17.3	49.8	27.5	2.2	.3							100.0	7.6	8.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	3.9	2.6	.1								7.3	8.5	8.0
020-040	.9	2.9	3.0	.1								6.9	8.7	8.0
050-070	.9	11.0	10.6	2.9	.3							25.7	10.1	10.0
(E) 080-100	.8	11.2	7.6	1.0								20.6	8.9	9.0
110-130	1.1	7.7	3.2									12.0	7.9	8.0
140-160	.3	3.7	1.7									5.7	8.1	8.0
(S) 170-190	.6	2.6	1.2									4.3	7.9	8.0
200-220	.8	1.7	.4	.1								3.0	7.0	6.0
230-250	.2	.7	.4	.2								1.6	8.8	8.5
(W) 260-280	1.1	1.1	.9									3.1	7.0	7.0
290-310	.8	1.9	.6	.1								3.3	6.7	6.0
320-340	1.1	2.4	2.1									5.7	7.9	8.0
VARIABLE														
CALM	////////////////////////////////////											.9	////////////////////////////////	
TOTALS	9.4	50.8	34.3	4.5	.3							100.0	8.6	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	2.7	1.6	.2								4.8	8.6	8.0
020-040	.7	5.0	3.3	.4								9.4	8.7	9.0
050-070	2.3	17.2	7.7	1.3								28.6	8.4	8.0
(E) 080-100	3.4	12.4	5.3	.2								21.4	7.6	8.0
110-130	2.3	5.6	1.1									9.0	6.3	6.0
140-160	1.3	3.3	.4									5.1	6.3	6.0
(S) 170-190	.4	3.3	.4									4.2	6.7	7.0
200-220	1.2	1.8	.2	.1								3.3	6.1	5.5
230-250	.4	.9	.2									1.6	6.2	6.0
(W) 260-280	.1	1.4	.7									2.2	8.6	8.0
290-310	1.3	2.0	.9									4.2	6.6	6.0
320-340	1.8	3.4	.7									5.9	6.3	6.0
VARIABLE														
CALM	////////////////////////////////////											.2	////////////////////////////////	
TOTALS	15.5	59.0	22.5	2.2								100.0	7.6	7.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.1	3.2	1.6	.1								10.0	5.5	4.0
020-040	5.3	4.7	1.2									11.2	5.4	5.0
050-070	9.0	11.7	3.0	.8								24.4	6.1	5.0
(E) 080-100	6.8	6.1	1.0	.3								14.2	5.3	5.0
110-130	3.4	1.4	.1									5.0	3.7	3.0
140-160	2.9	.7										3.6	3.2	3.0
(S) 170-190	2.9	.6										3.4	3.1	3.0
200-220	.6	.3										.9	5.0	4.0
230-250	1.8	.3										2.1	3.2	3.0
(W) 260-280	1.7	1.1	.2									3.0	4.6	4.0
290-310	2.0	.7	.2									2.9	4.3	4.0
320-340	2.1	2.8	.7									5.6	5.5	5.0
VARIABLE														
CALM	////////////////////////////////////											13.7	////////////////////////////////	
TOTALS	43.6	33.6	8.0	1.2								100.0	4.5	4.0

TOTAL NUMBER OF OBSERVATIONS 900



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.2	6.4	.7									12.3	5.1	5.0
020-040	3.8	1.6	1.7									7.0	5.6	4.0
050-070	6.9	6.7	3.2	.3								17.1	6.3	5.0
(E) 080-100	6.6	8.3	2.1	.1								17.1	6.0	6.0
110-130	2.7	1.9	.3									4.9	4.7	4.0
140-160	2.3	.6	.2									3.1	3.7	3.0
(S) 170-190	1.3	.6										1.9	3.4	3.0
200-220	.6	.1										.7	2.7	2.0
230-250	1.2											1.2	2.6	3.0
(W) 260-280	1.3	.2										1.6	3.2	3.5
290-310	1.3	.6	.1									2.0	4.3	4.0
320-340	4.6	2.3	.7									7.6	4.6	4.0
VARIABLE														
CALM	////////////////////											23.6	////////	
TOTALS	37.8	29.3	9.0	.4								100.0	4.1	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.0	5.7	1.5	.2	.0							12.3	5.8	5.0
020-040	2.4	2.7	1.7	.1								6.9	6.8	6.0
050-070	4.1	8.3	4.7	.9	.1							18.1	7.8	7.0
(E) 080-100	4.5	9.0	3.7	.3								17.5	6.9	7.0
110-130	3.0	4.5	1.2	.0								8.7	6.1	6.0
140-160	1.7	1.7	.5									3.8	5.5	5.0
(S) 170-190	1.1	1.2	.3									2.6	5.5	5.0
200-220	.7	.8	.2	.0								1.7	5.7	5.0
230-250	.8	.4	.2	.0								1.4	5.4	4.0
(W) 260-280	.9	.6	.3									1.8	5.5	4.0
290-310	1.4	.9	.3	.0								2.6	5.1	4.0
320-340	3.5	3.3	1.1	.0								7.9	5.7	5.0
VARIABLE														
CALM	////////////////////////////////////											14.6	////////////////////////////////	
TOTALS	29.1	39.1	15.7	1.5	.1							100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		2.3	9.0	13.5	3.0	.8							28.6	10.1	10.0
020-040		2.3	3.8	1.5									7.5	6.7	7.0
050-070		.8	3.8	3.0	1.5								9.0	9.6	9.5
(E) 080-100		.8	1.5	1.5									3.8	7.4	6.0
110-130		.8	1.5										2.3	6.0	6.0
140-160		.8	1.5										2.3	6.7	8.0
(S) 170-190															
200-220			.8										.8	6.0	6.0
230-250			.8	.8									1.5	10.0	10.0
(W) 260-280		.8	2.3	1.5									4.5	8.0	7.0
290-310		.8	1.5	2.3	.8								5.3	9.1	10.0
320-340		1.5	15.0	12.8	1.5								30.8	9.1	9.0
VARIABLE															
CALM		////////////////////////////////////										3.8	////////////////////////////////		
TOTALS		10.9	41.5	36.9	6.8	.8							100.0	8.6	9.0

TOTAL NUMBER OF OBSERVATIONS 133

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: 00-02

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	5.	5.3	1.1									11.6	5.4	5.0
020-040	1.7	.8	.5									3.0	4.9	4.0
050-070	2.2	4.0	.8	.2								7.1	6.3	6.0
(E) 080-100	7.8	4.8	1.2	.2								14.1	4.9	4.0
110-130	3.4	3.1	2.2									8.7	6.2	6.0
140-160	1.1	.8	.3									2.2	5.0	4.5
(S) 170-190	.9	.3										1.2	3.2	2.0
200-220	.4	.2										.6	3.2	3.5
230-250	.8	.2										1.0	3.7	4.0
(W) 260-280	1.3	.1	.1									1.5	3.2	2.0
290-310	2.0	.3	.1									2.5	3.2	2.0
320-340	9.2	5.9	1.9									17.1	5.1	4.0
VARIABLE														
CALM	////////////////////////////////////											29.5	////////////////////////////////	
TOTALS	36.1	25.8	8.2	.4								100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	10.2	5.5	.8									16.5	4.4	4.0
020-040	.5	.4	.1									1.1	4.8	4.5
050-070	2.4	3.2	.8									6.3	5.8	6.0
(E) 080-100	4.3	5.7	.8									10.8	5.2	5.0
110-130	4.4	4.3	.6									9.4	5.1	5.0
140-160	1.3	1.0	.1									2.4	4.6	4.0
(S) 170-190	1.0	.4	.3									1.7	4.8	4.0
200-220	.8	.5										1.3	3.7	3.0
230-250	.4	.4										.9	3.6	4.0
(W) 260-280	.3	.1										.4	3.0	2.5
290-310	1.0	.5										1.5	3.6	3.5
320-340	7.8	7.8	2.2	.1								18.0	5.5	5.0
VARIABLE														
CALM	////////////////////////////////////											29.9	////////	
TOTALS	34.4	29.8	5.7	.1								100.0	3.5	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	10.1	8.8	1.5									20.4	4.8	5.0
020-040	2.6	.3	.3									3.2	3.7	2.0
050-070	2.5	3.2	.8									6.5	5.6	5.0
(E) 080-100	5.3	5.9	1.2									12.4	5.4	5.0
110-130	2.4	2.8	.6									5.8	5.8	5.5
140-160	2.0	1.0	.2									3.2	4.2	3.0
(S) 170-190	1.2	.5										1.7	3.8	3.5
200-220	1.0	.3										1.3	3.4	3.5
230-250	.6	.2										.9	3.4	3.0
(W) 260-280	.8	.1										.9	2.6	2.5
290-310	1.1	.3										1.4	3.1	2.0
320-340	5.6	8.3	1.5	.1								15.5	5.7	5.0
VARIABLE														
CALM	////////////////////											26.9	////////	
TOTALS	35.2	31.7	6.1	.1								100.0	3.7	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.3	11.3	4.2	.6								21.4	7.0	7.0
020-040	4.3	3.1	.8									8.2	4.9	4.0
050-070	2.2	4.5	1.8	.8								9.2	7.8	7.5
(E) 080-100	3.1	10.1	4.3	.2								17.7	7.4	7.0
110-130	1.9	5.6	2.5	.4								10.4	7.6	7.0
140-160	1.0	3.0	1.3	.1								5.4	7.1	7.0
(S) 170-190	.9	1.8	.6									3.3	6.3	6.0
200-220	.2	.6	.8									1.6	8.4	9.0
230-250	.6	.5	.1									1.3	5.0	4.5
(W) 260-280	1.3	.5	.1									1.9	3.7	4.0
290-310	.4	1.3	.3									2.0	6.3	6.0
320-340	2.5	8.2	2.4	.1								13.1	7.0	7.0
VARIABLE														
CALM	////////////////////											4.3	////////	
TOTALS	23.7	50.5	19.2	2.2								100.0	6.6	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	6.6	2.8	.4								11.4	7.8	7.0
020-040	2.3	4.5	2.2	.2								9.1	7.3	8.0
050-070	2.2	7.5	5.1	.9								15.6	8.5	8.0
(E) 080-100	2.8	13.3	6.0	.5								22.7	7.8	8.0
110-130	1.3	5.9	2.8	.6	.1							10.8	8.5	8.0
140-160	.9	3.2	1.4	.2								5.7	7.8	8.0
(S) 170-190	.5	1.9	.5									3.0	7.1	7.5
200-220	.2	2.0	1.5	.1								3.9	8.4	7.5
230-250	.5	1.0	.2									1.7	6.0	5.0
(W) 260-280	.2	1.1	.6									1.9	7.6	6.5
290-310	1.0	2.2	.8									3.9	6.7	6.5
320-340	1.0	5.4	2.7	.1								9.1	8.0	8.0
VARIABLE														
CALM	////////////////////											1.2	////////	
TOTALS	14.5	54.6	26.6	3.0	.1							100.0	7.8	8.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	4.3	1.7	.3	.1							7.5	8.1	8.0
020-040	1.7	4.8	2.3	.2								9.0	7.6	7.0
050-070	2.4	12.7	4.5	.1								19.7	7.4	7.0
(E) 080-100	7.1	12.7	2.9	.2								22.9	6.3	6.0
110-130	3.1	5.1	1.3									9.5	6.0	5.0
140-160	1.5	3.9	1.0									6.3	6.8	7.0
(S) 170-190	1.2	2.3	.4									3.9	6.3	6.0
200-220	.6	1.6	.8									3.0	6.8	6.5
230-250	.6	.8	.6									2.0	6.8	7.0
(W) 260-280	.4	.9	.9									2.2	8.3	8.0
290-310	.8	1.5	1.1									3.3	7.8	8.0
320-340	1.7	6.5	1.4									9.6	6.9	6.0
VARIABLE														
CALM	////////////////////											1.1	////////	
TOTALS	22.2	57.1	18.9	.8	.1							100.0	6.9	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.5	6.0	1.8									12.4	5.9	5.0
020-040	3.0	2.8	1.0	.1								6.9	5.9	5.0
050-070	9.9	8.8	1.0	.1								19.8	4.9	4.5
(E) 080-100	8.3	4.2	.9	.1								13.5	4.5	4.0
110-130	3.7	1.8	.6									6.1	4.4	3.0
140-160	2.6	.8										3.3	3.3	3.0
(S) 170-190	2.3	.2	.1									2.6	3.5	3.0
200-220	1.9											1.9	2.8	3.0
230-250	1.4	.4										1.8	3.4	3.0
(W) 260-280	1.8	1.2	.1									3.1	4.5	4.0
290-310	1.3	.4	.3									2.0	4.7	4.0
320-340	6.9	2.0	.4									9.4	4.1	4.0
VARIABLE														
CALM	////////////////////											17.0	////////	
TOTALS	47.6	28.6	6.2	.3								100.0	3.9	4.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.6	5.3	1.7	.1								12.7	5.6	5.0
020-040	2.7	1.6	.5	.1								5.0	4.8	4.0
050-070	5.1	5.3	1.9	.1								12.4	5.8	5.0
(E) 080-100	7.1	7.2	1.4	.1								15.9	5.4	5.0
110-130	1.7	2.4	.6	.1								4.9	6.2	6.0
140-160	1.3	.4										1.7	3.6	3.0
(S) 170-190	1.1	.1										1.2	2.5	2.0
200-220	.5	.4										1.0	4.3	4.0
230-250	1.9	.1										2.0	2.3	2.0
(W) 260-280	1.3	.3										1.6	3.5	3.0
290-310	2.4	1.0	.1									3.5	4.3	4.0
320-340	7.2	3.2	.9									11.3	4.4	4.0
VARIABLE														
CALM	////////////////////											26.9	////////	
TOTALS	37.9	27.3	7.1	.5								100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	5.5	6.6	2.0	.2	.0							14.2	5.9	5.0
020-040	2.4	2.3	1.0	.1								5.7	6.0	5.0
050-070	3.6	6.2	2.1	.3								12.1	6.6	6.0
(E) 080-100	5.7	8.0	2.3	.2								16.2	6.1	6.0
110-130	2.7	3.9	1.4	.1	.0							8.2	6.4	6.0
140-160	1.5	1.7	.5	.0								3.8	5.9	6.0
(S) 170-190	1.1	1.0	.3									2.3	5.2	5.0
200-220	.7	.7	.4	.0								1.8	6.0	5.0
230-250	.9	.5	.1									1.5	4.4	4.0
(W) 260-280	.9	.5	.2									1.7	5.0	4.0
290-310	1.2	.9	.3									2.5	5.3	5.0
320-340	5.2	5.9	1.7	.1								12.9	5.8	5.0
VARIABLE														
CALM	////////////////////////////////////											17.1	////////////////////////////////	
TOTALS	31.4	38.2	12.3	1.0								100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 7435

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.2	7.5	10.8	3.3								25.8	9.5	10.0
020-040	1.4	.9										2.3	5.2	4.0
050-070			.5									.5	12.0	12.0
(E) 080-100		.5										.5	7.0	7.0
110-130		.5	.9									1.4	9.0	10.0
140-160		1.4										1.4	6.3	6.0
(S) 170-190	.9	.9										1.9	5.5	5.0
200-220	1.9	.9										2.8	3.2	2.0
230-250	.9											.9	4.0	4.0
(W) 260-280	1.4	1.4	.5									3.3	5.1	5.0
290-310	4.7	2.3	.5									7.5	4.2	3.0
320-340	15.0	17.8	6.6	.9								40.4	6.3	6.0
VARIABLE														
CALM	////////////////////////////////////											11.3	////////////////////////////////	
TOTALS	30.4	34.1	19.8	4.2								100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 213

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: ALL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	3.7	3.2	.9	.1	.0	.0					7.9	5.4	5.0
020-040	1.9	1.8	.9	.1	.0						4.7	6.2	6.0
050-070	3.4	5.9	3.0	.4	.0						12.7	7.2	7.0
(E) 080-100	5.6	8.9	2.7	.2	.0	.0					17.5	6.3	6.0
110-130	4.3	5.7	1.6	.1	.0						11.6	5.9	6.0
140-160	2.0	2.4	.6	.1	.0						5.1	5.7	5.0
(S) 170-190	1.8	1.6	.5	.0	.0						4.0	5.6	5.0
200-220	1.3	1.1	.6	.1	.0	.0					3.1	6.2	6.0
230-250	1.0	.6	.3	.1	.0						2.1	5.7	4.0
(W) 260-280	1.3	.9	.3	.1	.0						2.6	5.7	5.0
290-310	1.5	1.1	.4	.1	.0						3.1	5.5	4.0
320-340	3.5	2.5	.7	.1	.0		.0				6.7	5.2	4.0
VARIABLE													
CALM	////////////////////										19.0	////////	
TOTALS	31.3	35.7	12.5	1.5							100.0	4.9	6.0

TOTAL NUMBER OF OBSERVATIONS: 87667

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	3.5	8.9	8.2	1.3	.1	.1					22.0	8.7	8.0
020-040	1.4	2.0	1.6	.4	.1						5.5	8.3	8.0
050-070	.7	1.6	1.3	.4							4.0	8.5	9.0
(E) 080-100	.9	1.4	1.2	.4	.2						4.1	8.9	8.0
110-130	1.0	2.0	1.1	.5	.1						4.6	8.2	7.5
140-160	1.2	1.7	.7	.1							3.6	6.7	6.0
(S) 170-190	.5	1.2	1.0	.4							3.1	8.8	8.0
200-220	1.2	1.2	.6	.3							3.3	6.9	6.0
230-250	1.1	.9	.6	.3							2.8	7.3	7.0
(W) 260-280	1.5	1.6	.7	.2	.1						4.1	6.8	6.0
290-310	2.5	2.2	1.6	.4	.3						6.9	7.2	6.0
320-340	7.2	12.3	6.0	.9							26.5	7.1	7.0
VARIABLE													
CALM	////////////////////////////////////										9.4	////////	
TOTALS	22.7	37.0	24.6	5.6	.9	.1					100.0	7.1	7.0

TOTAL NUMBER OF OBSERVATIONS: 1126

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	DDDDDDDD
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	DDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPP	AA AA	RRRRRRRR	TT	DD DD
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	DD DD
PP	AAAAAAAAA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DDDDDDDD
PP	AA AA	RR RR	TT	DDDDDDDD



PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET-- "NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT--END COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.  
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURED, OR TOTALLY OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR  
SYNOPTIC SKY COER REPORTS CONVERTED AS FOLLOWS:

0/8.....CLEAR

1/8 THRU 4/8.....SCATTERED

5/8 THRU 7/8.....BROKEN

8/8.....OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN  
COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS,"  
HOWEVER, ARE INCLUDED.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.8	68.9	70.1	70.6	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 20000	70.1	72.6	73.8	74.3	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 18000	70.4	72.9	74.1	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 16000	70.4	72.9	74.1	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 14000	70.8	73.2	74.4	74.9	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 12000	71.6	74.1	75.4	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 10000	74.6	77.3	78.7	79.4	79.6	79.7	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 9000	74.6	77.3	78.7	79.4	79.6	79.7	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 8000	77.6	80.6	82.3	82.9	83.1	83.2	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 7000	79.0	82.4	84.1	84.7	84.9	85.1	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 6000	79.7	83.2	84.9	85.6	85.8	85.9	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 5000	81.1	84.7	86.5	87.2	87.5	87.6	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 4500	81.8	85.6	87.3	88.1	88.4	88.5	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 4000	84.4	88.4	90.3	91.1	91.5	91.6	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 3500	85.3	89.4	91.4	92.2	92.6	92.7	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 3000	86.8	91.3	93.3	94.1	94.5	94.6	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 2500	86.9	91.6	93.8	94.5	94.9	95.1	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2000	87.0	91.9	94.1	94.8	95.3	95.4	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1800	87.0	91.9	94.1	94.8	95.3	95.4	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1500	87.5	92.5	94.6	95.5	96.0	96.1	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1200	87.5	92.5	94.6	95.5	96.2	96.3	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1000	87.6	92.7	95.3	96.1	96.9	97.0	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 900	87.7	92.8	95.4	96.2	97.0	97.1	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	87.7	92.9	95.8	96.7	97.4	97.5	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	87.7	92.9	95.9	96.8	97.5	97.6	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	87.7	93.0	96.0	97.0	97.7	97.8	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	87.7	93.0	96.0	97.0	98.1	98.2	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	87.7	93.1	96.1	97.1	98.2	98.3	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	87.7	93.1	96.1	97.1	98.2	98.3	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	87.7	93.1	96.1	97.1	98.3	98.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8
GE 100	87.7	93.1	96.1	97.1	98.3	98.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	100.0
GE 000	87.7	93.1	96.1	97.1	98.3	98.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.3	63.1	65.4	66.0	66.7	66.9	67.3	67.3	67.3	67.4	67.6	67.7	67.8	67.8	68.1	68.2
GE 20000	63.8	67.4	69.8	70.4	71.1	71.3	71.7	71.7	71.7	71.8	72.0	72.2	72.3	72.3	72.5	72.6
GE 18000	63.8	67.4	69.8	70.4	71.1	71.3	71.7	71.7	71.7	71.8	72.0	72.2	72.3	72.3	72.5	72.6
GE 16000	63.8	67.4	69.8	70.4	71.1	71.3	71.7	71.7	71.7	71.8	72.0	72.2	72.3	72.3	72.5	72.6
GE 14000	63.9	67.5	69.9	70.5	71.2	71.4	71.8	71.8	71.8	71.9	72.2	72.3	72.4	72.4	72.6	72.7
GE 12000	64.5	68.3	70.6	71.3	71.9	72.2	72.7	72.7	72.7	72.8	73.0	73.1	73.2	73.2	73.4	73.5
GE 10000	66.0	70.2	72.6	73.4	74.4	74.6	75.2	75.3	75.4	75.5	75.7	75.8	75.9	75.9	76.1	76.3
GE 9000	66.2	70.5	73.0	73.9	74.8	75.1	75.6	75.7	75.8	75.9	76.1	76.2	76.3	76.3	76.6	76.8
GE 8000	68.5	73.2	75.9	76.9	77.8	78.1	78.6	78.7	78.8	78.9	79.1	79.4	79.5	79.5	79.7	79.9
GE 7000	70.2	75.2	78.0	79.0	80.0	80.2	80.8	80.9	81.0	81.1	81.3	81.5	81.6	81.6	81.8	82.0
GE 6000	70.4	75.4	78.2	79.2	80.2	80.4	81.0	81.1	81.2	81.3	81.5	81.7	81.8	81.8	82.0	82.3
GE 5000	72.2	77.4	80.3	81.4	82.4	82.6	83.2	83.4	83.5	83.7	83.9	84.1	84.2	84.2	84.4	84.6
GE 4500	73.9	79.7	82.6	83.7	84.6	84.8	85.5	85.7	85.8	85.9	86.1	86.3	86.5	86.5	86.7	86.9
GE 4000	76.7	82.5	85.4	86.5	87.4	87.6	88.3	88.5	88.6	88.7	88.9	89.1	89.2	89.2	89.5	89.7
GE 3500	78.2	84.3	87.2	88.3	89.2	89.5	90.1	90.3	90.4	90.5	90.9	91.1	91.2	91.2	91.4	91.6
GE 3000	79.2	86.0	88.9	90.0	91.0	91.2	91.8	92.0	92.2	92.3	92.6	92.8	92.9	92.9	93.1	93.3
GE 2500	79.7	86.5	89.5	90.6	91.6	91.8	92.5	92.7	92.8	92.9	93.2	93.4	93.5	93.5	93.8	94.0
GE 2000	79.8	86.9	90.0	91.2	92.2	92.4	93.1	93.3	93.4	93.5	93.9	94.1	94.2	94.2	94.4	94.6
GE 1800	79.8	86.9	90.1	91.3	92.4	92.6	93.3	93.5	93.7	93.8	94.1	94.3	94.4	94.4	94.6	94.8
GE 1500	80.1	87.3	90.5	91.7	92.8	93.0	93.8	94.0	94.1	94.2	94.5	94.7	94.8	94.8	95.1	95.3
GE 1200	80.2	87.4	90.8	91.9	93.0	93.2	94.0	94.2	94.3	94.4	94.7	94.9	95.1	95.1	95.3	95.5
GE 1000	80.5	88.0	91.3	92.5	93.5	93.8	94.5	94.7	94.8	94.9	95.3	95.5	95.6	95.6	95.8	96.0
GE 900	80.5	88.0	91.3	92.5	93.5	93.8	94.5	94.7	94.8	94.9	95.3	95.5	95.6	95.6	95.8	96.0
GE 800	80.6	88.1	91.4	92.6	93.7	94.0	94.7	94.9	95.1	95.2	95.5	95.7	95.8	95.8	96.0	96.2
GE 700	80.6	88.1	91.5	92.7	93.8	94.1	94.8	95.1	95.2	95.3	95.6	95.8	95.9	95.9	96.1	96.3
GE 600	80.6	88.2	91.8	93.2	94.3	94.6	95.4	95.7	95.8	95.9	96.2	96.5	96.6	96.6	96.8	97.0
GE 500	80.6	88.3	92.0	93.5	94.8	95.2	95.9	96.2	96.3	96.5	96.8	97.0	97.1	97.1	97.3	97.5
GE 400	80.6	88.4	92.2	93.7	95.1	95.4	96.2	96.7	96.8	97.0	97.3	97.5	97.7	97.7	98.0	98.2
GE 300	80.6	88.4	92.2	93.7	95.7	96.0	96.9	97.4	97.5	97.8	98.2	98.4	98.6	98.6	98.9	99.1
GE 200	80.6	88.4	92.2	93.7	95.7	96.0	96.9	97.4	97.5	97.8	98.3	98.5	98.7	98.8	99.1	99.6
GE 100	80.6	88.4	92.2	93.7	95.7	96.0	96.9	97.4	97.5	98.0	98.4	98.6	98.8	98.9	99.2	100.0
GE 000	80.6	88.4	92.2	93.7	95.7	96.0	96.9	97.4	97.5	98.0	98.4	98.6	98.8	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.7	58.0	61.8	63.3	64.0	64.3	64.3	64.6	64.6	64.8	65.1	65.2	65.3	65.5	65.5	66.1
GE 20000	53.0	62.8	67.3	68.9	69.8	70.1	70.1	70.4	70.4	70.6	70.9	71.0	71.1	71.3	71.3	71.9
GE 18000	53.1	62.9	67.4	69.0	69.9	70.2	70.2	70.5	70.5	70.8	71.0	71.1	71.2	71.4	71.4	72.0
GE 16000	53.1	62.9	67.4	69.0	69.9	70.2	70.2	70.5	70.5	70.8	71.0	71.1	71.2	71.4	71.4	72.0
GE 14000	53.4	63.2	67.8	69.5	70.3	70.6	70.6	71.0	71.0	71.2	71.5	71.6	71.7	71.9	71.9	72.6
GE 12000	53.7	63.5	68.5	70.1	71.2	71.5	71.5	71.8	71.8	72.0	72.4	72.5	72.7	72.9	72.9	73.5
GE 10000	55.8	66.2	71.6	73.2	74.3	74.6	74.6	74.9	74.9	75.2	75.5	75.6	75.8	76.0	76.0	76.8
GE 9000	56.5	67.0	72.4	74.0	75.1	75.4	75.4	75.7	75.7	75.9	76.2	76.3	76.6	76.8	76.8	77.5
GE 8000	58.2	69.2	74.8	76.5	77.6	78.0	78.1	78.4	78.4	78.6	78.9	79.0	79.2	79.5	79.5	80.2
GE 7000	58.8	69.9	75.8	77.5	78.7	79.0	79.1	79.5	79.5	79.7	80.0	80.1	80.3	80.5	80.5	81.3
GE 6000	59.0	70.1	76.0	77.7	78.9	79.2	79.4	79.7	79.7	79.9	80.2	80.3	80.5	80.8	80.8	81.5
GE 5000	61.3	72.6	78.7	80.4	81.6	81.9	82.0	82.6	82.6	82.8	83.1	83.2	83.4	83.7	83.7	84.4
GE 4500	62.4	74.0	80.1	81.8	83.0	83.3	83.4	84.0	84.0	84.2	84.5	84.6	84.8	85.1	85.1	85.8
GE 4000	65.2	77.1	83.3	85.1	86.2	86.6	86.7	87.2	87.2	87.4	87.7	87.8	88.1	88.3	88.3	89.0
GE 3500	66.9	78.9	85.3	87.0	88.2	88.5	88.6	89.1	89.1	89.4	89.7	89.8	90.0	90.2	90.2	91.0
GE 3000	68.6	81.0	87.7	89.5	90.8	91.1	91.2	91.7	91.7	91.9	92.3	92.4	92.6	92.8	92.8	93.5
GE 2500	68.6	81.0	88.1	89.8	91.1	91.4	91.5	92.0	92.0	92.3	92.6	92.7	92.9	93.1	93.1	93.9
GE 2000	69.2	81.7	89.0	90.8	92.2	92.5	92.6	93.1	93.1	93.4	93.8	93.9	94.1	94.3	94.3	95.1
GE 1800	69.2	81.7	89.0	90.8	92.2	92.5	92.6	93.1	93.1	93.4	93.8	93.9	94.1	94.3	94.3	95.1
GE 1500	69.2	81.7	89.1	91.0	92.4	92.8	92.9	93.4	93.4	93.8	94.1	94.2	94.4	94.6	94.6	95.4
GE 1200	69.4	81.9	89.4	91.3	92.7	93.1	93.2	93.8	93.8	94.1	94.4	94.5	94.7	94.9	94.9	95.7
GE 1000	69.4	82.2	89.6	91.6	93.1	93.5	93.7	94.2	94.2	94.5	94.8	94.9	95.2	95.4	95.4	96.1
GE 900	69.5	82.3	89.7	91.7	93.3	93.8	93.9	94.4	94.4	94.7	95.1	95.2	95.4	95.6	95.6	96.3
GE 800	69.5	82.3	89.7	91.7	93.4	93.9	94.1	94.6	94.6	94.9	95.3	95.4	95.6	95.8	95.8	96.6
GE 700	69.5	82.4	90.0	92.0	93.8	94.2	94.4	94.9	94.9	95.3	95.6	95.7	95.9	96.1	96.1	96.9
GE 600	69.5	82.4	90.0	92.0	94.1	94.5	94.9	95.5	95.5	95.8	96.1	96.2	96.5	96.7	96.7	97.4
GE 500	69.5	82.4	90.0	92.2	94.3	94.7	95.2	95.7	95.8	96.1	96.5	96.6	96.8	97.0	97.0	97.7
GE 400	69.5	82.4	90.0	92.2	94.5	95.1	95.6	96.1	96.2	96.8	97.1	97.2	97.4	97.6	97.6	98.4
GE 300	69.5	82.4	90.0	92.2	94.5	95.1	95.7	96.3	96.5	97.1	97.4	97.5	97.7	98.0	98.1	98.8
GE 200	69.5	82.4	90.0	92.2	94.5	95.1	95.7	96.3	96.5	97.1	97.5	97.7	98.0	98.2	98.4	99.2
GE 100	69.5	82.4	90.0	92.2	94.5	95.1	95.7	96.3	96.5	97.2	97.6	97.8	98.1	98.3	98.5	99.6
GE 000	69.5	82.4	90.0	92.2	94.5	95.1	95.7	96.3	96.5	97.2	97.6	97.8	98.1	98.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CELING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.7	57.8	61.0	61.8	62.5	62.6	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 20000	54.8	66.6	69.9	70.9	71.6	71.7	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 18000	54.8	66.6	69.9	70.9	71.6	71.7	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 16000	54.8	66.6	69.9	70.9	71.6	71.7	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 14000	55.9	67.6	71.0	71.9	72.7	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 12000	57.1	68.8	72.2	73.1	73.9	74.0	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 10000	60.5	73.0	76.6	77.7	78.5	78.6	78.7	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 9000	61.0	73.4	77.1	78.3	79.0	79.1	79.2	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 8000	63.4	76.6	80.3	81.5	82.3	82.4	82.5	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 7000	64.7	78.0	82.0	83.4	84.2	84.3	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 6000	64.9	78.3	82.6	84.0	84.8	84.9	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 5000	67.0	80.4	84.8	86.3	87.2	87.3	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 4500	67.7	81.5	86.0	87.5	88.4	88.5	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 4000	69.6	83.8	88.4	89.9	90.8	90.9	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 3500	70.8	85.3	90.2	91.7	92.6	92.7	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 3000	72.0	87.1	92.2	93.9	94.8	94.9	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2500	72.4	87.6	92.7	94.4	95.5	95.6	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2000	72.7	88.3	93.5	95.3	96.3	96.5	96.7	96.8	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2
GE 1800	72.8	88.5	93.8	95.5	96.6	96.7	96.9	97.0	97.1	97.2	97.3	97.3	97.4	97.4	97.4	97.4
GE 1500	73.0	88.7	94.1	95.8	96.9	97.0	97.2	97.4	97.5	97.6	97.7	97.7	97.8	97.8	97.8	97.8
GE 1200	73.0	88.8	94.2	95.9	97.2	97.3	97.5	97.7	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.2
GE 1000	73.0	88.8	94.3	96.1	97.4	97.5	97.7	98.0	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.4
GE 900	73.0	88.8	94.3	96.1	97.4	97.5	97.7	98.0	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.4
GE 800	73.0	88.8	94.3	96.3	97.6	97.7	98.0	98.2	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6
GE 700	73.0	88.8	94.3	96.3	97.6	97.7	98.0	98.2	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6
GE 600	73.0	88.8	94.3	96.3	97.6	97.8	98.2	98.4	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.8
GE 500	73.0	88.8	94.3	96.3	97.6	98.0	98.3	98.5	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9
GE 400	73.0	88.8	94.3	96.3	97.7	98.2	98.5	98.7	99.0	99.1	99.4	99.4	99.5	99.5	99.5	99.5
GE 300	73.0	88.8	94.3	96.3	97.7	98.2	98.5	98.7	99.0	99.2	99.5	99.5	99.6	99.6	99.6	99.6
GE 200	73.0	88.8	94.3	96.3	97.7	98.2	98.5	98.7	99.0	99.2	99.5	99.5	99.8	99.8	99.8	99.8
GE 100	73.0	88.8	94.3	96.3	97.7	98.2	98.5	98.7	99.0	99.2	99.5	99.6	99.9	100.0	100.0	100.0
GE 000	73.0	88.8	94.3	96.3	97.7	98.2	98.5	98.7	99.0	99.2	99.5	99.6	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.3	58.7	59.2	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 20000	65.8	69.9	70.9	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 18000	66.0	70.1	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 16000	66.1	70.2	71.2	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 14000	66.9	71.0	71.9	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 12000	68.6	73.0	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 10000	71.4	76.3	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 9000	71.8	76.8	78.0	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 8000	75.8	81.0	82.2	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 7000	76.9	82.4	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 6000	77.6	83.3	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 5000	78.8	84.5	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 4500	79.7	85.5	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4000	80.9	86.9	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 3500	83.5	89.6	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 3000	86.6	93.0	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2500	86.8	93.2	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2000	87.4	94.0	96.1	96.6	96.8	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1800	87.5	94.1	96.2	96.7	96.9	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1500	87.8	94.7	97.0	97.4	97.7	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	88.0	94.9	97.3	98.1	98.4	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	88.0	95.2	97.5	98.3	98.6	98.7	99.0	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5
GE 900	88.0	95.2	97.5	98.3	98.6	98.7	99.0	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5
GE 800	88.0	95.2	97.5	98.5	98.8	98.9	99.2	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
GE 700	88.0	95.2	97.5	98.6	99.0	99.1	99.5	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
GE 600	88.0	95.2	97.5	98.6	99.0	99.1	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 500	88.0	95.2	97.5	98.6	99.0	99.1	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 400	88.0	95.2	97.5	98.6	99.0	99.1	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 300	88.0	95.2	97.5	98.6	99.0	99.1	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 200	88.0	95.2	97.5	98.6	99.0	99.1	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	88.0	95.2	97.5	98.6	99.0	99.1	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	88.0	95.2	97.5	98.6	99.0	99.1	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.7	58.0	58.0	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 20000	71.2	72.6	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 18000	71.3	72.7	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 16000	71.6	73.0	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 14000	72.4	73.8	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 12000	74.6	76.2	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 10000	77.4	79.4	79.6	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 9000	78.0	79.9	80.1	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 8000	81.5	83.5	83.9	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 7000	82.9	85.3	85.6	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 6000	83.9	86.3	86.8	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 5000	84.6	87.4	88.0	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 4500	85.5	88.3	88.8	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 4000	86.9	89.9	90.4	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 3500	88.0	91.3	91.8	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 3000	90.2	94.2	94.7	94.9	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2500	90.8	94.7	95.6	95.8	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2000	91.6	96.2	97.1	97.4	97.7	98.0	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1800	91.6	96.2	97.1	97.4	97.7	98.0	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1500	91.7	96.3	97.2	97.6	98.0	98.2	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	91.7	96.7	97.7	98.3	98.6	98.8	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	91.8	96.8	97.8	98.5	98.8	99.0	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	91.8	96.8	97.8	98.5	98.8	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	91.8	96.8	97.8	98.6	98.9	99.1	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 700	91.8	96.8	97.8	98.6	98.9	99.1	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 600	91.8	96.8	97.8	98.6	98.9	99.2	99.5	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 500	91.8	96.8	97.8	98.6	98.9	99.2	99.5	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	91.8	96.8	97.8	98.6	98.9	99.2	99.5	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	91.8	96.8	97.8	98.6	98.9	99.2	99.5	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	91.8	96.8	97.8	98.6	98.9	99.2	99.5	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	91.8	96.8	97.8	98.6	98.9	99.2	99.5	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	91.8	96.8	97.8	98.6	98.9	99.2	99.5	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 20000	72.7	73.9	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 18000	73.0	74.2	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 16000	73.3	74.5	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 14000	73.5	74.7	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 12000	75.4	76.6	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 10000	78.3	79.6	79.9	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 9000	78.4	79.7	80.0	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 8000	81.9	83.3	83.9	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 7000	82.9	84.4	84.9	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 6000	83.8	85.5	86.1	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 5000	85.9	87.7	88.4	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 4500	86.7	88.8	89.6	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 4000	87.3	89.7	90.4	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 3500	89.6	92.3	93.0	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 3000	90.9	93.8	94.5	95.1	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2500	91.3	94.2	94.9	95.5	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2000	92.2	95.3	96.2	96.9	97.4	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1800	92.2	95.3	96.2	96.9	97.4	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1500	92.5	95.6	96.7	97.3	97.8	98.1	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	92.5	95.7	96.8	97.7	98.4	98.6	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	92.5	95.7	96.8	97.7	98.4	98.8	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	92.5	95.8	97.0	98.2	98.8	99.2	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	92.6	95.9	97.1	98.3	98.9	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	92.6	95.9	97.1	98.3	98.9	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	92.6	95.9	97.1	98.3	98.9	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	92.6	95.9	97.1	98.3	98.9	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	92.6	95.9	97.1	98.3	98.9	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	92.6	95.9	97.1	98.3	98.9	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.6	95.9	97.1	98.3	98.9	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.6	95.9	97.1	98.3	98.9	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	92.6	95.9	97.1	98.3	98.9	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	70.0	71.6	72.6	72	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 20000	73.7	75.8	76.8	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 18000	73.9	76.0	77.0	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 16000	74.0	76.1	77.1	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 14000	74.4	76.6	77.5	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 12000	75.2	77.3	78.3	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 10000	79.2	81.5	82.6	83.0	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 9000	79.2	81.5	82.6	83.0	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 8000	82.0	84.4	85.5	85.9	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 7000	83.3	85.8	86.9	87.3	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 6000	84.0	86.5	87.5	88.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 5000	85.8	88.4	89.8	90.2	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 4500	86.0	88.8	90.2	90.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 4000	87.0	90.1	91.6	92.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 3500	89.2	92.4	93.9	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 3000	90.1	93.3	94.8	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2500	90.3	93.8	95.3	95.8	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2000	91.0	94.4	96.0	96.6	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1800	91.3	94.7	96.3	96.9	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1500	91.7	95.2	96.8	97.4	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	91.7	95.4	97.1	97.7	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	91.7	95.6	97.5	98.2	98.9	98.9	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	91.7	95.6	97.5	98.2	98.9	98.9	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	91.7	95.6	97.5	98.2	98.9	98.9	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	91.7	95.6	97.5	98.2	99.1	99.1	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	91.7	95.6	97.5	98.2	99.1	99.1	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	91.7	95.6	97.5	98.4	99.4	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	91.7	95.7	97.6	98.5	99.5	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	91.7	95.7	97.6	98.5	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	91.7	95.7	97.6	98.5	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.7	95.7	97.6	98.5	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	91.7	95.7	97.6	98.5	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.8	62.7	64.3	64.8	65.1	65.2	65.2	65.3	65.3	65.3	65.4	65.4	65.4	65.5	65.5	65.6
GE 20000	65.6	70.2	71.9	72.5	72.9	72.9	73.0	73.1	73.1	73.1	73.2	73.2	73.2	73.3	73.3	73.4
GE 18000	65.8	70.3	72.1	72.7	73.0	73.1	73.2	73.2	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.5
GE 16000	65.9	70.5	72.2	72.8	73.1	73.2	73.3	73.3	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.6
GE 14000	66.4	71.0	72.7	73.3	73.6	73.7	73.8	73.8	73.8	73.9	74.0	74.0	74.0	74.0	74.1	74.2
GE 12000	67.6	72.2	74.0	74.6	75.0	75.1	75.2	75.2	75.2	75.3	75.3	75.4	75.4	75.4	75.5	75.6
GE 10000	70.4	75.4	77.4	78.1	78.6	78.7	78.8	78.9	78.9	78.9	79.0	79.0	79.1	79.1	79.1	79.2
GE 9000	70.7	75.8	77.7	78.4	78.9	79.0	79.1	79.2	79.2	79.3	79.4	79.4	79.4	79.4	79.5	79.6
GE 8000	73.6	79.0	81.1	81.8	82.3	82.4	82.5	82.6	82.6	82.7	82.8	82.8	82.8	82.9	82.9	83.0
GE 7000	74.9	80.4	82.6	83.4	83.9	84.0	84.1	84.2	84.2	84.3	84.3	84.4	84.4	84.4	84.5	84.6
GE 6000	75.4	81.1	83.3	84.1	84.6	84.7	84.9	84.9	85.0	85.0	85.1	85.1	85.2	85.2	85.2	85.3
GE 5000	77.1	82.9	85.3	86.0	86.5	86.7	86.8	87.0	87.0	87.0	87.1	87.2	87.2	87.2	87.2	87.4
GE 4500	78.0	84.0	86.4	87.2	87.7	87.8	88.0	88.1	88.1	88.2	88.3	88.3	88.3	88.4	88.4	88.5
GE 4000	79.7	86.0	88.5	89.3	89.9	90.0	90.1	90.2	90.3	90.3	90.4	90.4	90.5	90.5	90.5	90.6
GE 3500	81.4	87.9	90.5	91.3	91.9	91.9	92.1	92.2	92.2	92.3	92.4	92.4	92.5	92.5	92.5	92.6
GE 3000	83.1	90.0	92.6	93.5	94.1	94.2	94.4	94.5	94.5	94.6	94.7	94.7	94.7	94.8	94.8	94.9
GE 2500	83.3	90.3	93.1	94.0	94.6	94.8	95.0	95.1	95.1	95.2	95.3	95.3	95.4	95.4	95.4	95.5
GE 2000	83.9	91.1	94.0	94.9	95.6	95.8	96.1	96.2	96.3	96.3	96.4	96.5	96.5	96.6	96.6	96.7
GE 1800	83.9	91.2	94.1	95.0	95.7	95.9	96.2	96.3	96.4	96.5	96.5	96.6	96.6	96.7	96.7	96.8
GE 1500	84.2	91.5	94.5	95.5	96.2	96.4	96.7	96.9	96.9	97.1	97.2	97.2	97.2	97.3	97.3	97.4
GE 1200	84.2	91.7	94.7	95.8	96.6	96.8	97.1	97.3	97.4	97.5	97.6	97.6	97.7	97.7	97.7	97.8
GE 1000	84.3	91.9	95.0	96.1	97.0	97.2	97.5	97.7	97.8	97.9	98.0	98.0	98.1	98.1	98.1	98.3
GE 900	84.3	91.9	95.1	96.2	97.1	97.3	97.6	97.8	97.9	98.0	98.1	98.1	98.2	98.2	98.2	98.4
GE 800	84.4	91.9	95.1	96.4	97.2	97.4	97.8	98.0	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.6
GE 700	84.4	91.9	95.2	96.4	97.3	97.6	97.9	98.1	98.2	98.3	98.4	98.4	98.5	98.5	98.6	98.7
GE 600	84.4	92.0	95.3	96.5	97.5	97.7	98.1	98.4	98.4	98.5	98.6	98.7	98.8	98.8	98.8	98.9
GE 500	84.4	92.0	95.3	96.6	97.6	97.9	98.3	98.6	98.6	98.7	98.8	98.9	98.9	99.0	99.0	99.1
GE 400	84.4	92.0	95.3	96.7	97.7	98.0	98.5	98.8	98.8	99.0	99.1	99.2	99.2	99.3	99.3	99.4
GE 300	84.4	92.0	95.3	96.7	97.8	98.1	98.6	98.9	99.0	99.2	99.3	99.3	99.4	99.4	99.5	99.6
GE 200	84.4	92.0	95.3	96.7	97.8	98.1	98.6	98.9	99.0	99.2	99.3	99.4	99.5	99.5	99.6	99.8
GE 100	84.4	92.0	95.3	96.7	97.8	98.1	98.6	98.9	99.0	99.2	99.4	99.4	99.6	99.6	99.7	99.9
GE 000	84.4	92.0	95.3	96.7	97.8	98.1	98.6	98.9	99.0	99.2	99.4	99.4	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.8	65.8	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 20000	66.7	70.3	71.8	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 18000	66.7	70.3	71.8	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 16000	66.7	70.3	71.8	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 14000	66.9	70.6	72.1	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 12000	68.0	71.6	73.1	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 10000	70.3	74.0	75.5	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3
GE 9000	70.7	74.3	75.9	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7
GE 8000	74.6	78.7	80.2	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0
GE 7000	77.3	81.5	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.9	83.9
GE 6000	78.0	82.2	83.7	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6
GE 5000	79.4	84.1	85.7	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6
GE 4500	81.2	85.9	87.6	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6
GE 4000	84.2	89.5	91.3	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2
GE 3500	86.5	92.1	93.9	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8
GE 3000	87.3	93.2	95.2	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1
GE 2500	87.5	93.4	95.4	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.6	96.6
GE 2000	87.8	93.8	95.8	96.7	96.9	96.9	96.9	96.9	96.9	96.9	97.1	97.1	97.1	97.1	97.2	97.2
GE 1800	87.8	93.8	95.8	96.7	96.9	96.9	96.9	96.9	96.9	96.9	97.1	97.1	97.1	97.1	97.2	97.2
GE 1500	88.7	94.8	96.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.5	98.5
GE 1200	88.7	94.8	96.8	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7
GE 1000	88.7	94.8	96.8	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7
GE 900	88.7	94.8	96.8	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7
GE 800	88.7	94.8	96.8	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7
GE 700	88.7	94.8	96.8	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7
GE 600	89.0	95.2	97.2	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	99.1	99.1
GE 500	89.0	95.2	97.2	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	99.1	99.1
GE 400	89.2	95.3	97.3	98.6	98.9	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3
GE 300	89.2	95.3	97.4	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.4	99.4
GE 200	89.2	95.3	97.4	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.4	99.5
GE 100	89.2	95.3	97.4	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.5	99.6
GE 000	89.2	95.3	97.4	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.1	62.7	65.1	66.0	66.5	66.7	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.1	67.5
GE 20000	61.6	66.3	68.8	69.6	70.3	70.4	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.9	71.3
GE 18000	61.7	66.4	68.9	69.7	70.4	70.6	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	71.0	71.4
GE 16000	61.7	66.4	68.9	69.7	70.4	70.6	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	71.0	71.4
GE 14000	61.8	66.5	69.0	69.8	70.6	70.7	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.3	71.6
GE 12000	62.5	67.3	69.7	70.6	71.3	71.4	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	72.0	72.3
GE 10000	64.7	69.5	72.0	72.8	73.5	73.6	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.2	74.6
GE 9000	65.5	70.3	72.8	73.6	74.4	74.6	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.1	75.5
GE 8000	69.1	74.0	76.7	77.5	78.3	78.4	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	79.0	79.4
GE 7000	70.3	75.4	78.1	78.9	79.9	80.0	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.6	80.9
GE 6000	71.3	76.4	79.2	80.0	80.9	81.0	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.6	82.0
GE 5000	73.0	78.3	81.3	82.1	83.2	83.3	83.6	83.7	83.7	83.9	83.9	83.9	83.9	83.9	84.0	84.3
GE 4500	74.3	79.9	82.9	83.7	84.9	85.0	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.7	86.1
GE 4000	77.3	83.2	86.3	87.2	88.3	88.5	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.2	89.5
GE 3500	77.9	83.9	87.0	87.9	89.0	89.2	89.5	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.9	90.2
GE 3000	80.6	87.4	90.6	91.4	92.6	92.7	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.4	93.8
GE 2500	81.2	88.2	91.6	92.5	93.6	93.8	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.5	94.8
GE 2000	81.5	88.8	92.2	93.2	94.3	94.5	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.2	95.5
GE 1800	81.9	89.3	92.7	93.6	94.8	94.9	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.6	96.0
GE 1500	82.7	90.1	93.6	94.6	95.8	95.9	96.2	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.6	96.9
GE 1200	82.7	90.1	93.6	94.6	95.8	95.9	96.2	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.6	96.9
GE 1000	82.7	90.1	93.8	94.8	96.0	96.1	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.8	97.2
GE 900	82.7	90.1	93.8	94.8	96.0	96.1	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.8	97.2
GE 800	82.7	90.1	93.8	94.8	96.1	96.2	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.9	97.3
GE 700	82.7	90.1	93.8	94.8	96.1	96.2	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.9	97.3
GE 600	82.9	90.5	94.1	95.2	96.5	96.6	96.9	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.4	97.8
GE 500	83.0	90.7	94.3	95.4	96.7	96.8	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.6	98.0
GE 400	83.0	90.7	94.3	95.4	96.7	96.8	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.9	98.2
GE 300	83.0	90.7	94.3	95.4	96.7	96.8	97.4	97.6	97.6	97.8	97.8	97.8	97.8	97.8	98.1	98.6
GE 200	83.0	90.7	94.3	95.4	96.7	96.8	97.4	97.6	97.6	97.8	97.9	97.9	97.9	97.9	98.4	99.2
GE 100	83.0	90.7	94.3	95.4	96.7	96.8	97.4	97.6	97.6	97.8	97.9	98.0	98.0	98.0	98.5	99.5
GE 000	83.0	90.7	94.3	95.4	96.7	96.8	97.4	97.6	97.6	97.8	97.9	98.0	98.0	98.0	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.9	57.5	60.4	61.7	62.9	62.9	63.5	63.6	63.7	64.2	64.4	64.8	64.9	64.9	64.9	65.3
GE 20000	52.1	63.0	66.2	67.5	68.7	68.7	69.3	69.4	69.5	70.0	70.2	70.6	70.7	70.7	70.7	71.0
GE 18000	52.3	63.3	66.4	67.7	68.9	68.9	69.5	69.6	69.7	70.2	70.4	70.8	70.9	70.9	70.9	71.3
GE 16000	52.3	63.3	66.4	67.7	68.9	68.9	69.5	69.6	69.7	70.2	70.4	70.8	70.9	70.9	70.9	71.3
GE 14000	52.8	64.1	67.3	68.6	69.7	69.7	70.3	70.4	70.6	71.0	71.3	71.6	71.7	71.7	71.7	72.1
GE 12000	53.5	64.9	68.1	69.4	70.6	70.7	71.3	71.4	71.5	72.0	72.2	72.6	72.7	72.7	72.7	73.0
GE 10000	54.8	66.3	69.8	71.3	72.4	72.6	73.1	73.3	73.4	73.9	74.1	74.4	74.6	74.6	74.6	74.9
GE 9000	55.2	66.9	70.4	71.8	73.0	73.1	73.7	74.0	74.1	74.6	74.8	75.1	75.3	75.3	75.3	75.6
GE 8000	58.2	70.3	74.2	75.6	76.8	76.9	77.5	77.7	77.9	78.3	78.6	78.9	79.0	79.0	79.0	79.4
GE 7000	59.2	71.6	75.5	76.9	78.1	78.2	78.8	79.0	79.2	79.6	79.9	80.2	80.3	80.3	80.3	80.7
GE 6000	60.3	72.7	76.6	78.0	79.2	79.3	79.9	80.1	80.2	80.7	80.9	81.3	81.4	81.4	81.4	81.7
GE 5000	61.4	74.1	78.1	79.5	80.7	80.8	81.4	81.6	81.7	82.2	82.4	82.8	82.9	82.9	82.9	83.3
GE 4500	63.1	75.9	79.9	81.3	82.6	82.7	83.3	83.5	83.6	84.1	84.3	84.7	84.8	84.8	84.8	85.2
GE 4000	65.1	78.6	82.9	84.3	85.6	85.7	86.5	86.7	86.8	87.3	87.5	87.9	88.0	88.0	88.0	88.3
GE 3500	65.8	79.7	84.2	85.6	87.0	87.2	87.9	88.1	88.2	88.7	88.9	89.3	89.4	89.4	89.4	89.8
GE 3000	67.7	82.3	86.9	88.9	90.5	90.6	91.3	91.5	91.6	92.1	92.3	92.7	92.8	92.8	92.8	93.2
GE 2500	68.6	83.4	88.2	90.3	92.0	92.1	92.8	93.1	93.2	93.6	93.9	94.2	94.3	94.3	94.3	94.7
GE 2000	68.8	83.6	88.7	90.8	92.5	92.6	93.3	93.5	93.6	94.1	94.3	94.7	94.8	94.8	94.8	95.2
GE 1800	68.8	83.6	88.7	90.8	92.5	92.6	93.3	93.5	93.6	94.1	94.3	94.7	94.8	94.8	94.8	95.2
GE 1500	69.5	84.5	89.6	91.8	93.8	93.9	94.6	94.8	94.9	95.4	95.6	96.0	96.1	96.1	96.1	96.5
GE 1200	69.6	84.7	89.9	92.0	94.0	94.1	94.8	95.1	95.2	95.6	95.9	96.2	96.3	96.3	96.3	96.7
GE 1000	69.7	84.8	90.1	92.2	94.2	94.3	95.1	95.3	95.4	95.9	96.1	96.5	96.6	96.6	96.6	96.9
GE 900	69.7	84.8	90.1	92.2	94.2	94.3	95.1	95.3	95.4	95.9	96.1	96.5	96.6	96.6	96.6	96.9
GE 800	69.7	84.8	90.3	92.5	94.5	94.6	95.3	95.5	95.6	96.1	96.3	96.7	96.8	96.8	96.8	97.2
GE 700	69.8	84.9	90.5	92.6	94.6	94.7	95.4	95.6	95.8	96.2	96.5	96.8	96.9	96.9	96.9	97.3
GE 600	69.8	84.9	90.6	92.7	94.8	94.9	95.6	95.9	96.0	96.5	96.7	97.1	97.2	97.2	97.2	97.5
GE 500	69.8	84.9	90.6	92.7	94.8	94.9	95.6	95.9	96.0	96.5	96.7	97.1	97.2	97.2	97.2	97.6
GE 400	69.8	84.9	90.6	92.7	94.9	95.1	95.9	96.1	96.2	96.7	96.9	97.3	97.4	97.4	97.4	98.0
GE 300	69.8	84.9	90.6	92.8	95.2	95.3	96.1	96.3	96.5	96.9	97.2	97.5	97.6	97.6	97.8	98.5
GE 200	69.8	84.9	90.6	92.8	95.2	95.3	96.1	96.3	96.5	97.1	97.3	97.6	97.8	97.8	97.9	98.9
GE 100	69.8	84.9	90.6	92.8	95.2	95.4	96.2	96.5	96.6	97.2	97.4	97.9	98.0	98.0	98.4	99.9
GE 000	69.8	84.9	90.6	92.8	95.2	95.4	96.2	96.5	96.6	97.2	97.4	97.9	98.0	98.0	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.9	58.3	60.3	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 20000	51.5	65.4	67.4	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 18000	51.8	65.7	67.7	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 16000	51.8	65.7	67.7	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 14000	52.2	66.3	68.3	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 12000	52.7	66.9	68.9	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 10000	55.7	70.1	72.1	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 9000	56.3	70.7	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 8000	60.1	75.3	77.7	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 7000	60.8	76.0	78.4	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 6000	61.2	76.7	79.2	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 5000	63.1	79.3	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 4500	64.2	80.6	83.2	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 4000	67.3	84.2	87.0	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 3500	68.7	85.7	88.7	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 3000	71.7	88.9	91.9	92.7	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 2500	72.7	90.2	93.5	94.6	94.9	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 2000	73.4	91.2	94.5	95.5	96.0	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1800	73.4	91.2	94.5	95.5	96.0	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1500	73.4	91.4	94.8	95.0	96.6	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1200	73.4	91.5	94.9	96.1	96.8	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1000	73.5	91.8	95.2	96.3	97.2	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 900	73.6	91.9	95.4	96.6	97.6	97.6	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	73.6	91.9	95.8	96.9	98.0	98.0	98.2	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	73.6	91.9	95.8	96.9	98.0	98.0	98.2	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	73.7	92.0	96.0	97.3	98.4	98.4	98.7	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	73.7	92.0	96.1	97.4	98.5	98.5	98.8	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	73.7	92.0	96.1	97.4	98.5	98.5	98.8	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	73.7	92.0	96.1	97.4	98.6	98.6	98.9	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.8
GE 200	73.7	92.0	96.1	97.4	98.6	98.6	98.9	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.6	100.0
GE 100	73.7	92.0	96.1	97.4	98.6	98.6	98.9	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.6	100.0
GE 000	73.7	92.0	96.1	97.4	98.6	98.6	98.9	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.8	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 20000	64.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 18000	64.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 16000	64.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 14000	64.5	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 12000	66.2	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 10000	68.3	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 9000	69.0	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 8000	73.3	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 7000	74.4	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 6000	74.9	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 5000	77.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 4500	78.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 4000	80.6	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 3500	82.7	88.1	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 3000	88.5	94.2	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2500	89.6	95.5	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2000	90.2	96.7	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800	90.3	96.8	97.5	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1500	90.8	97.3	98.1	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200	90.9	97.5	98.5	98.7	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	91.0	97.6	98.6	98.8	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	91.0	97.6	98.6	98.8	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	91.0	97.6	98.6	98.8	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	91.0	97.6	98.6	98.8	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	91.0	97.6	98.6	98.8	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	91.0	97.6	98.6	98.8	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	91.0	97.6	98.6	98.8	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	91.0	97.6	98.6	98.8	99.3	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 200	91.0	97.6	98.6	98.8	99.3	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	91.0	97.6	98.6	98.8	99.3	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	91.0	97.6	98.6	98.8	99.3	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 849



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: 15-17

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.1	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 20000	70.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 18000	70.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 16000	70.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 14000	70.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 12000	71.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 10000	73.9	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 9000	74.2	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 8000	78.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 7000	79.4	81.5	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 6000	80.4	82.6	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 5000	83.0	85.5	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 4500	83.6	86.1	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 4000	86.5	88.9	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 3500	88.1	90.8	91.0	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 3000	91.8	94.7	95.4	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2500	92.5	95.5	96.5	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2000	93.1	96.2	97.3	97.6	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1800	93.2	96.3	97.4	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1500	93.3	96.5	97.6	98.0	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	93.5	96.7	97.9	98.2	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	93.5	96.7	98.4	98.7	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	93.5	96.7	98.4	98.7	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	93.5	96.7	98.4	98.8	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	93.5	96.7	98.4	98.8	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	93.5	96.7	98.4	98.8	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	93.5	96.7	98.4	98.8	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 400	93.5	96.7	98.4	98.8	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 300	93.5	96.7	98.4	98.8	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 200	93.5	96.7	98.4	98.8	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 100	93.5	96.7	98.4	98.8	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 000	93.5	96.7	98.4	98.8	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.8	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 20000	70.9	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 18000	70.9	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 16000	70.9	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 14000	71.7	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 12000	72.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 10000	74.8	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 9000	75.9	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 8000	80.6	83.5	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 7000	82.3	85.3	85.7	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 6000	83.4	86.3	86.8	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 5000	85.6	89.2	89.6	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 4500	87.0	90.7	91.3	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 4000	88.1	91.9	92.5	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 3500	89.9	93.6	94.2	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 3000	91.5	95.6	96.2	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2500	92.1	96.3	97.1	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2000	92.2	96.6	97.4	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1800	92.2	96.7	97.5	98.0	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1500	92.5	96.9	97.8	98.2	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	92.8	97.4	98.4	98.8	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	92.9	97.5	98.5	98.9	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	92.9	97.5	98.5	98.9	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	92.9	97.5	98.5	98.9	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	92.9	97.5	98.6	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	92.9	97.5	98.6	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	92.9	97.5	98.6	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	92.9	97.5	98.6	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	92.9	97.5	98.6	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.9	97.5	98.6	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.9	97.5	98.6	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	92.9	97.5	98.6	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 349

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.3	69.7	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 20000	71.6	73.7	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 18000	71.6	73.7	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 16000	71.6	73.7	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 14000	72.3	74.4	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 12000	73.6	75.7	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 10000	75.7	78.1	78.3	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 9000	76.0	78.3	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 8000	78.6	81.4	81.6	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 7000	81.0	84.0	84.2	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 6000	82.1	85.2	85.4	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 5000	84.5	88.0	88.2	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 4500	86.1	89.8	90.2	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 4000	87.3	91.5	92.0	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 3500	89.3	93.6	94.1	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 3000	90.7	95.8	96.2	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2500	91.0	96.1	96.8	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 2000	91.6	97.2	97.9	98.1	98.6	98.6	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	91.8	97.3	98.0	98.2	98.7	98.7	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	92.0	97.5	98.2	98.6	99.1	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	92.3	97.9	98.6	99.2	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	92.3	97.9	98.6	99.2	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	92.3	97.9	98.6	99.2	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	92.3	97.9	98.6	99.2	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	92.3	97.9	98.6	99.2	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	92.3	97.9	98.6	99.2	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	92.3	97.9	98.6	99.2	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	92.3	97.9	98.6	99.2	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	92.3	97.9	98.6	99.2	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.3	97.9	98.6	99.2	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.3	97.9	98.6	99.2	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	92.3	97.9	98.6	99.2	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.8	62.4	63.6	64.0	64.3	64.3	64.4	64.4	64.4	64.5	64.5	64.6	64.6	64.6	64.6	64.7
GE 20000	63.6	68.8	70.0	70.4	70.7	70.7	70.8	70.8	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.1
GE 18000	63.7	68.9	70.2	70.6	70.8	70.8	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.2	71.2
GE 16000	63.7	68.9	70.2	70.6	70.8	70.8	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.2	71.2
GE 14000	64.1	69.5	70.7	71.1	71.4	71.4	71.5	71.5	71.5	71.6	71.6	71.7	71.7	71.7	71.7	71.8
GE 12000	65.2	70.6	71.8	72.2	72.5	72.5	72.6	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.9
GE 10000	67.3	73.0	74.2	74.6	74.9	74.9	75.0	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.3	75.4
GE 9000	67.8	73.6	74.8	75.3	75.5	75.6	75.7	75.7	75.7	75.8	75.8	75.9	75.9	75.9	75.9	76.0
GE 8000	71.6	77.7	79.1	79.6	79.9	79.9	80.0	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.3
GE 7000	73.1	79.3	80.7	81.2	81.5	81.6	81.7	81.7	81.7	81.8	81.8	81.9	81.9	81.9	81.9	82.0
GE 6000	74.0	80.2	81.7	82.2	82.5	82.5	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.9	83.0
GE 5000	75.9	82.6	84.1	84.6	84.9	85.0	85.1	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.4	85.4
GE 4500	77.2	84.0	85.6	86.1	86.4	86.5	86.6	86.6	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.9
GE 4000	79.5	86.7	88.4	88.9	89.2	89.3	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.7	89.8
GE 3500	81.1	88.5	90.2	90.8	91.2	91.3	91.4	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.7	91.8
GE 3000	83.7	91.5	93.4	94.1	94.6	94.7	94.8	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.1	95.1
GE 2500	84.4	92.3	94.4	95.1	95.7	95.7	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.2	96.3
GE 2000	84.8	93.0	95.1	95.9	96.5	96.6	96.7	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.1	97.2
GE 1800	84.9	93.1	95.3	96.1	96.6	96.7	96.9	97.0	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.3
GE 1500	85.4	93.6	95.8	96.7	97.3	97.4	97.6	97.7	97.7	97.8	97.9	97.9	97.9	97.9	98.0	98.0
GE 1200	85.5	93.8	96.1	97.0	97.7	97.7	97.9	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.3	98.4
GE 1000	85.6	93.9	96.2	97.1	97.9	98.0	98.2	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.6	98.6
GE 900	85.6	93.9	96.3	97.2	98.0	98.1	98.3	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.7	98.8
GE 800	85.6	93.9	96.3	97.3	98.1	98.2	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.8	98.8	98.9
GE 700	85.6	93.9	96.4	97.3	98.1	98.2	98.4	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.9
GL 600	85.7	94.0	96.5	97.4	98.3	98.4	98.6	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.1
GE 500	85.7	94.1	96.5	97.5	98.3	98.4	98.7	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.2
GE 400	85.7	94.1	96.6	97.5	98.4	98.4	98.7	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.2	99.3
GE 300	85.7	94.1	96.6	97.5	98.4	98.5	98.8	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.4	99.5
GE 200	85.7	94.1	96.6	97.5	98.4	98.5	98.8	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.4	99.7
GE 100	85.7	94.1	96.6	97.5	98.4	98.5	98.8	99.0	99.0	99.1	99.2	99.3	99.4	99.4	99.5	99.9
GE 000	85.7	94.1	96.6	97.5	98.4	98.5	98.8	99.0	99.0	99.1	99.2	99.3	99.4	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 6792

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	70.1	72.6	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 20000	74.3	76.9	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 18000	74.3	76.9	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 16000	74.3	76.9	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 14000	74.5	77.1	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 12000	75.4	78.0	78.5	78.5	78.6	78.6	78.6	78.6	78.6	7.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 10000	77.2	79.9	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 9000	77.3	80.1	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 8000	80.0	83.2	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 7000	81.3	84.6	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 6000	82.3	85.6	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 5000	85.1	88.8	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 4500	85.9	89.9	90.5	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 4000	88.2	92.2	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 3500	89.5	93.4	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 3000	90.6	94.8	95.7	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2500	91.8	96.2	97.1	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2000	92.4	96.8	97.6	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1800	92.7	97.1	98.0	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500	92.8	97.5	98.5	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
GE 1200	92.9	97.6	98.6	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE 1000	92.9	97.6	98.6	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE 900	92.9	97.6	98.6	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE 800	92.9	97.6	98.6	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE 700	92.9	97.6	98.7	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
GE 600	92.9	97.6	98.7	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
GE 500	93.0	97.7	98.8	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 400	93.0	97.7	98.8	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 300	93.0	97.7	98.8	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 200	93.0	97.7	98.8	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
GE 100	93.0	97.7	98.8	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
GE 000	93.0	97.7	98.8	99.6	99.8	99.8	99.8	99.3	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	65.3	70.3	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.6
GE 20000	68.5	74.1	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.4
GE 18000	68.5	74.1	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.4
GE 16000	68.5	74.1	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.4
GE 14000	68.7	74.3	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.6
GE 12000	69.1	74.8	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.2
GE 10000	71.8	78.1	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.6
GE 9000	71.9	78.3	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.9
GE 8000	74.5	81.4	82.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.2
GE 7000	76.1	83.3	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.2
GE 6000	76.6	83.8	84.9	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.6
GE 5000	79.2	86.5	87.6	87.8	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.4
GE 4500	80.4	87.7	88.9	89.5	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	90.1
GE 4000	81.2	88.5	89.7	90.2	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.9
GE 3500	81.8	89.2	90.5	91.1	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.8
GE 3000	84.1	91.6	92.9	93.7	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.4
GE 2500	85.2	93.0	94.3	95.1	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.8
GE 2000	86.6	94.6	95.9	96.7	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.4
GE 1800	87.0	95.1	96.3	97.1	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.8
GE 1500	87.3	95.4	96.9	97.6	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6
GE 1200	87.3	95.4	96.9	97.6	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6
GE 1000	87.4	95.5	97.0	97.8	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.8
GE 900	87.4	95.5	97.0	97.8	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.8
GE 800	87.4	95.5	97.0	97.8	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.9
GE 700	87.4	95.5	97.0	97.8	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.9
GE 600	87.4	95.5	97.0	98.0	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.4
GE 500	87.4	95.5	97.0	98.0	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.5
GE 400	87.4	95.5	97.0	98.0	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.6
GE 300	87.4	95.5	97.0	98.0	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.6
GE 200	87.4	95.5	97.0	98.0	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.8
GE 100	87.4	95.5	97.0	98.0	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.4	99.9
GE 000	87.4	95.5	97.0	98.0	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.6	62.3	65.9	67.3	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.0
GE 20000	56.3	68.3	72.6	74.0	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8
GE 18000	56.3	68.3	72.6	74.0	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8
GE 16000	56.3	68.3	72.6	74.0	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8
GE 14000	56.6	68.7	73.0	74.4	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
GE 12000	57.2	69.8	74.1	75.5	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3
GE 10000	58.9	71.7	76.3	77.7	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6
GE 9000	59.4	72.4	77.0	78.4	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2
GE 8000	61.4	74.6	79.6	81.0	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9
GE 7000	61.9	75.4	80.4	81.8	82.4	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9
GE 6000	62.3	75.8	81.0	82.4	82.9	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4
GE 5000	64.3	78.1	83.2	85.1	85.6	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1
GE 4500	65.9	80.1	85.4	87.2	87.7	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3
GE 4000	67.2	81.4	86.8	88.7	89.4	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9
GE 3500	68.2	82.7	88.2	90.1	90.8	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3
GE 3000	70.1	85.1	90.6	92.7	93.3	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9
GE 2500	70.9	86.1	91.8	94.0	94.6	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2
GE 2000	72.2	87.6	93.5	95.7	96.3	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	97.0
GE 1800	72.3	87.8	93.8	95.9	96.6	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.2
GE 1500	72.3	88.2	94.1	96.2	96.9	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.6
GE 1200	72.4	88.3	94.3	96.5	97.1	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.8
GE 1000	72.5	88.4	94.5	96.7	97.4	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.3	98.4
GE 900	72.5	88.5	94.9	97.1	97.8	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.7	98.8
GE 800	72.6	88.6	95.1	97.2	98.0	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.8	98.9
GE 700	72.6	88.6	95.2	97.3	98.1	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.9	99.0
GE 600	72.6	88.6	95.2	97.3	98.2	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.4	99.5
GE 500	72.7	88.7	95.3	97.4	98.3	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.5	99.6
GE 400	72.7	88.7	95.3	97.5	98.4	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.6	99.8
GE 300	72.7	88.7	95.3	97.5	98.4	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.6	100.0
GE 200	72.7	88.7	95.3	97.5	98.4	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.6	100.0
GE 100	72.7	88.7	95.3	97.5	98.4	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.6	100.0
GE 000	72.7	88.7	95.3	97.5	98.4	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.3	62.8	64.3	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 20000	59.4	70.3	71.8	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 18000	60.0	71.0	72.5	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 16000	60.0	71.0	72.5	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 14000	60.5	71.7	73.2	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 12000	61.4	72.9	74.5	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 10000	62.8	74.7	76.7	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 9000	63.1	75.2	77.1	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 8000	65.8	78.3	80.4	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 7000	66.5	79.2	81.4	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 6000	67.3	80.2	82.4	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 5000	69.2	82.6	84.9	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 4500	69.7	83.0	85.4	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 4000	70.5	84.0	86.5	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 3500	71.5	85.2	87.6	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 3000	74.4	88.7	91.2	92.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 2500	76.2	90.9	93.5	94.5	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2000	77.1	92.0	94.7	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1800	77.4	92.4	95.1	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1500	78.2	93.4	96.2	97.4	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1200	78.4	93.9	96.7	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	78.5	94.2	97.1	98.3	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	78.7	94.4	97.3	98.5	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	78.8	94.6	97.5	98.7	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	78.9	94.8	97.7	98.9	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	78.9	94.8	97.7	98.9	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	78.9	94.8	97.7	98.9	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	78.9	94.8	97.7	98.9	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	78.9	94.8	97.7	98.9	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	78.9	94.8	97.7	98.9	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	78.9	94.8	97.7	98.9	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	78.9	94.8	97.7	98.9	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.2	61.3	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 20000	65.6	70.3	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 18000	66.2	71.0	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 16000	66.2	71.0	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 14000	66.8	71.8	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 12000	68.1	73.2	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 10000	69.8	75.7	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 9000	70.4	76.5	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 8000	73.5	79.7	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 7000	74.3	80.5	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 6000	75.8	82.2	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 5000	76.9	84.0	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 4500	77.8	84.9	85.7	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 4000	79.7	87.1	87.8	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 3500	80.5	88.5	89.2	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 3000	83.3	91.8	92.7	93.5	93.5	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 2500	84.7	93.2	94.3	95.2	95.2	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 2000	86.3	94.9	96.1	97.0	97.0	97.1	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1800	86.6	95.2	96.3	97.2	97.2	97.3	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	87.6	96.5	97.8	98.7	98.7	98.8	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	88.0	96.9	98.3	99.1	99.1	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	88.0	96.9	98.3	99.1	99.1	99.2	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	88.0	96.9	98.3	99.1	99.1	99.2	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	88.0	96.9	98.3	99.1	99.1	99.2	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	88.0	96.9	98.4	99.2	99.2	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	88.0	96.9	98.4	99.2	99.2	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	88.0	96.9	98.4	99.2	99.2	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	88.0	96.9	98.4	99.2	99.2	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	88.0	96.9	98.4	99.2	99.2	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	88.0	96.9	98.4	99.2	99.2	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	88.0	96.9	98.4	99.2	99.2	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	88.0	96.9	98.4	99.2	99.2	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 20000	70.6	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 18000	71.0	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 16000	71.2	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 14000	71.4	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 12000	73.8	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 10000	76.2	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 9000	76.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 8000	78.9	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 7000	80.5	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 6000	81.3	83.5	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 5000	83.2	86.0	86.6	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 4500	83.4	86.2	86.8	86.9	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 4000	84.1	87.0	87.6	87.8	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 3500	86.5	89.8	90.4	90.6	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 3000	89.2	92.8	93.5	93.8	94.0	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 2500	90.5	94.3	95.2	95.5	95.7	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2000	92.4	96.5	97.5	97.8	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1800	92.5	96.6	97.6	98.0	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1500	93.4	97.5	98.6	98.9	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	93.4	97.5	98.6	98.9	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	93.4	97.5	98.6	99.0	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	93.4	97.5	98.6	99.0	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	93.4	97.5	98.6	99.0	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	93.4	97.5	98.6	99.0	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	93.4	97.5	98.7	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	93.4	97.5	98.7	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 400	93.4	97.5	98.7	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 300	93.4	97.5	98.7	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 200	93.4	97.5	98.7	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	93.4	97.5	98.7	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	93.4	97.5	98.7	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 20000	77.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 18000	77.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 16000	77.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 14000	78.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 12000	79.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 10000	81.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 9000	82.3	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 8000	85.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 7000	86.1	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 6000	86.6	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 5000	88.3	91.0	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 4500	89.1	91.8	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 4000	90.4	93.5	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 3500	91.1	94.4	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 3000	92.8	96.1	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
GE 2500	93.0	96.6	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
GE 2000	93.5	97.4	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
GE 1800	93.5	97.5	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	94.2	98.3	99.1	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	94.2	98.3	99.1	99.2	99.4	99.5	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	94.2	98.3	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	94.2	98.3	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	94.2	98.4	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	94.2	98.4	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	94.2	98.4	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	94.2	98.4	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	94.2	98.4	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	94.2	98.4	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.2	98.4	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.2	98.4	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.2	98.4	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	73.8	75.3	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 20000	78.7	80.3	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 18000	78.8	80.4	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 16000	78.8	80.4	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 14000	79.7	81.3	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 12000	80.6	82.4	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 10000	82.9	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 9000	83.1	84.9	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 8000	84.9	87.2	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 7000	85.7	88.0	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 6000	86.5	88.7	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 5000	87.5	90.4	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 4500	89.0	91.9	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 4000	90.6	93.8	94.1	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 3500	91.7	94.8	95.2	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 3000	93.7	97.0	97.4	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2500	94.3	97.6	98.1	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 2000	94.5	97.8	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	94.7	98.1	98.6	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	94.8	98.2	98.8	99.0	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	94.9	98.3	98.9	99.1	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	94.9	98.3	98.9	99.2	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	94.9	98.3	98.9	99.2	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	94.9	98.3	98.9	99.2	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	94.9	98.4	99.0	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	94.9	98.4	99.0	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	94.9	98.4	99.0	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	94.9	98.4	99.0	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	94.9	98.4	99.0	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.9	98.4	99.0	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.9	98.4	99.0	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.9	98.4	99.0	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.2	66.6	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9
GE 20000	68.8	73.8	74.8	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
GE 18000	69.1	74.1	75.0	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6
GE 16000	69.1	74.1	75.1	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6
GE 14000	69.6	74.7	75.6	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2
GE 12000	70.7	75.9	76.9	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 10000	72.7	78.4	79.5	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0
GE 9000	73.0	78.8	79.9	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4
GE 8000	75.5	81.6	82.8	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 7000	76.6	82.8	84.1	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7
GE 6000	77.3	83.6	84.9	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 5000	79.2	85.9	87.3	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 4500	80.2	87.0	88.4	89.0	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 4000	81.5	88.4	89.9	90.5	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 3500	82.6	89.8	91.3	91.9	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 3000	84.8	92.2	93.9	94.5	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 2500	85.8	93.5	95.2	95.9	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 2000	86.9	94.7	96.5	97.3	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800	87.1	95.0	96.8	97.6	97.8	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1500	87.6	95.6	97.5	98.3	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0
GE 1200	87.7	95.8	97.7	98.5	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
GE 1000	87.7	95.8	97.8	98.6	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4
GE 900	87.8	95.9	97.9	98.7	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5
GE 800	87.8	95.9	97.9	98.8	99.1	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6
GE 700	87.8	96.0	98.0	98.8	99.2	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7
GE 600	87.8	96.0	98.0	98.9	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
GE 500	87.8	96.0	98.0	98.9	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.9
GE 400	87.8	96.0	98.0	98.9	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
GE 300	87.8	96.0	98.0	98.9	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
GE 200	87.8	96.0	98.0	98.9	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0
GE 100	87.8	96.0	98.0	98.9	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0
GE 000	87.8	96.0	98.0	98.9	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	74.0	76.7	77.8	78.1	78.2	78.2	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 20000	79.2	82.2	83.6	84.0	84.1	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 18000	79.4	82.4	83.8	84.2	84.3	84.3	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 16000	79.4	82.4	83.8	84.2	84.3	84.3	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 14000	79.9	83.0	84.3	84.8	84.9	84.9	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 12000	80.9	84.0	85.4	85.9	86.0	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 10000	82.2	85.3	86.8	87.3	87.4	87.4	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 9000	82.7	85.8	87.2	87.8	87.9	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 8000	85.9	89.3	90.8	91.3	91.4	91.4	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 7000	87.2	90.7	92.2	92.8	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 6000	87.4	90.9	92.4	93.0	93.1	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 5000	88.9	92.6	94.2	94.8	94.9	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 4500	90.0	93.8	95.4	96.0	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 4000	90.9	94.7	96.3	96.9	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 3500	91.4	95.2	96.9	97.4	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 3000	92.3	96.1	97.8	98.3	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2500	92.6	96.4	98.1	98.7	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 2000	92.8	96.7	98.6	99.1	99.2	99.2	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800	92.8	96.7	98.6	99.1	99.2	99.2	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1500	92.9	96.8	98.7	99.2	99.3	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200	93.0	96.9	98.8	99.3	99.4	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	93.0	96.9	98.8	99.3	99.4	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	93.0	96.9	98.8	99.3	99.4	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	93.0	96.9	98.8	99.3	99.4	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	93.0	96.9	98.8	99.3	99.4	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	93.0	96.9	98.8	99.3	99.4	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	93.0	96.9	98.8	99.3	99.4	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	93.0	96.9	98.8	99.3	99.4	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	93.0	96.9	98.8	99.3	99.4	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	93.0	96.9	98.8	99.3	99.4	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.0	96.9	98.8	99.3	99.4	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	93.0	96.9	98.8	99.3	99.4	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: 03-05

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	72.8	76.2	76.9	77.4	77.7	77.7	77.7	77.8	77.9	78.0	78.4	78.4	78.4	78.4	78.6	78.7
GE 20000	76.6	80.2	81.2	82.0	82.2	82.2	82.2	82.3	82.4	82.6	83.0	83.0	83.0	83.0	83.1	83.2
GE 18000	76.7	80.3	81.3	82.1	82.3	82.3	82.3	82.6	82.7	82.8	83.2	83.2	83.2	83.2	83.3	83.4
GE 16000	76.7	80.3	81.3	82.1	82.3	82.3	82.3	82.6	82.7	82.8	83.2	83.2	83.2	83.2	83.3	83.4
GE 14000	77.2	80.9	81.9	82.7	82.9	82.9	82.9	83.1	83.2	83.3	83.8	83.8	83.8	83.8	83.9	84.0
GE 12000	78.3	82.0	83.1	83.9	84.1	84.1	84.1	84.3	84.4	84.6	85.0	85.0	85.0	85.0	85.1	85.2
GE 10000	79.3	83.0	84.1	84.9	85.1	85.1	85.1	85.3	85.4	85.6	86.0	86.0	86.0	86.0	86.1	86.2
GE 9000	79.9	83.6	84.7	85.4	85.7	85.7	85.7	85.9	86.0	86.1	86.6	86.6	86.6	86.6	86.7	86.8
GE 8000	83.0	86.8	87.9	88.7	88.9	88.9	88.9	89.1	89.2	89.3	89.8	89.8	89.8	89.8	89.9	90.0
GE 7000	84.0	87.9	89.1	89.9	90.1	90.1	90.1	90.3	90.4	90.6	91.0	91.0	91.0	91.0	91.1	91.2
GE 6000	84.3	88.3	89.6	90.3	90.6	90.6	90.6	90.8	90.9	91.0	91.4	91.4	91.4	91.4	91.6	91.7
GE 5000	85.2	89.3	90.6	91.3	91.6	91.6	91.6	91.8	91.9	92.0	92.4	92.4	92.4	92.4	92.6	92.7
GE 4500	86.2	90.6	91.8	92.6	92.8	92.8	92.8	93.0	93.1	93.2	93.7	93.7	93.7	93.7	93.8	93.9
GE 4000	87.4	91.9	93.1	93.9	94.1	94.1	94.1	94.3	94.4	94.6	95.0	95.0	95.0	95.0	95.1	95.2
GE 3500	88.2	92.7	93.9	94.7	94.9	94.9	94.9	95.1	95.2	95.3	95.8	95.8	95.8	95.8	95.9	96.0
GE 3000	89.2	93.9	95.1	95.9	96.1	96.1	96.1	96.3	96.4	96.6	97.0	97.0	97.0	97.0	97.1	97.2
GE 2500	89.2	94.1	95.6	96.3	96.6	96.6	96.6	96.9	97.0	97.1	97.6	97.6	97.6	97.6	97.7	97.8
GE 2000	89.4	94.4	95.9	96.7	97.1	97.1	97.1	97.4	97.6	97.7	98.1	98.1	98.1	98.1	98.2	98.3
GE 1800	89.4	94.4	95.9	96.7	97.1	97.1	97.1	97.4	97.6	97.7	98.1	98.1	98.1	98.1	98.2	98.3
GE 1500	89.7	94.7	96.1	96.9	97.3	97.3	97.3	97.7	97.8	97.9	98.3	98.3	98.3	98.3	98.4	98.6
GE 1200	89.8	94.8	96.2	97.0	97.4	97.4	97.4	97.8	97.9	98.0	98.4	98.4	98.4	98.4	98.6	98.7
GE 1000	89.9	94.9	96.3	97.1	97.7	97.7	97.7	98.0	98.1	98.2	98.7	98.7	98.7	98.7	98.8	98.9
GE 900	89.9	95.0	96.4	97.2	97.8	97.8	97.8	98.1	98.2	98.3	98.8	98.8	98.8	98.8	98.9	99.0
GE 800	89.9	95.0	96.4	97.2	97.8	97.8	97.8	98.1	98.2	98.3	98.8	98.8	98.8	98.8	98.9	99.0
GE 700	89.9	95.0	96.4	97.2	97.8	97.8	97.8	98.1	98.2	98.3	98.8	98.8	98.8	98.8	98.9	99.0
GE 600	89.9	95.0	96.4	97.2	97.8	97.8	97.8	98.1	98.2	98.3	98.8	98.8	98.8	98.8	98.9	99.0
GE 500	89.9	95.0	96.4	97.2	97.8	97.8	97.8	98.1	98.2	98.3	98.8	98.8	98.8	98.8	98.9	99.0
GE 400	89.9	95.0	96.4	97.2	97.8	97.9	97.9	98.2	98.3	98.4	98.9	98.9	98.9	98.9	99.0	99.1
GE 300	89.9	95.0	96.4	97.3	97.9	98.0	98.0	98.3	98.4	98.6	99.0	99.0	99.0	99.0	99.1	99.2
GE 200	89.9	95.0	96.4	97.3	97.9	98.0	98.1	98.4	98.6	98.7	99.1	99.1	99.1	99.1	99.2	99.6
GE 100	89.9	95.0	96.4	97.3	97.9	98.0	98.1	98.4	98.6	98.7	99.1	99.1	99.1	99.1	99.2	100.0
GE 000	89.9	95.0	96.4	97.3	97.9	98.0	98.1	98.4	98.6	98.7	99.1	99.1	99.1	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.4	68.2	71.4	73.0	73.4	73.6	73.8	74.3	74.4	74.4	74.4	74.4	74.6	74.6	74.7	74.7
GE 20000	58.6	74.1	77.7	79.2	79.7	79.8	80.1	80.7	80.8	80.9	80.9	80.9	81.0	81.0	81.1	81.1
GE 18000	58.8	74.3	77.9	79.4	79.9	80.0	80.3	80.9	81.0	81.1	81.1	81.1	81.2	81.2	81.3	81.3
GE 16000	58.8	74.3	77.9	79.4	79.9	80.0	80.3	80.9	81.0	81.1	81.1	81.1	81.2	81.2	81.3	81.3
GE 14000	59.1	74.7	78.2	79.8	80.2	80.3	80.7	81.2	81.3	81.4	81.4	81.4	81.6	81.6	81.7	81.7
GE 12000	60.4	76.2	79.9	81.4	81.9	82.0	82.3	82.9	83.0	83.1	83.1	83.1	83.2	83.2	83.3	83.3
GE 10000	61.9	77.8	81.7	83.2	83.7	83.8	84.1	84.7	84.8	84.9	84.9	84.9	85.0	85.0	85.1	85.1
GE 9000	62.3	78.2	82.1	83.7	84.1	84.2	84.6	85.1	85.2	85.3	85.3	85.3	85.4	85.4	85.6	85.6
GE 8000	64.3	80.6	84.6	86.1	86.6	86.8	87.1	87.7	87.8	87.9	87.9	87.9	88.0	88.0	88.1	88.1
GE 7000	64.9	81.3	85.3	86.9	87.3	87.6	87.9	88.4	88.6	88.7	88.7	88.7	88.8	88.8	88.9	88.9
GE 6000	66.0	82.4	86.6	88.2	88.8	89.0	89.4	90.0	90.1	90.2	90.2	90.2	90.3	90.3	90.4	90.4
GE 5000	66.8	83.6	87.8	89.4	90.0	90.2	90.7	91.2	91.3	91.4	91.4	91.4	91.6	91.6	91.7	91.7
GE 4500	67.4	84.4	88.7	90.3	90.9	91.1	91.6	92.1	92.2	92.3	92.3	92.3	92.4	92.4	92.6	92.6
GE 4000	68.3	85.8	90.0	91.7	92.2	92.4	92.9	93.4	93.6	93.7	93.7	93.7	93.8	93.8	93.9	93.9
GE 3500	69.1	86.6	90.8	92.4	93.0	93.2	93.7	94.2	94.3	94.4	94.4	94.4	94.6	94.6	94.7	94.7
GE 3000	70.2	88.1	92.4	94.1	94.7	94.9	95.3	95.9	96.0	96.1	96.1	96.1	96.2	96.2	96.3	96.3
GE 2500	71.1	89.0	93.6	95.3	95.9	96.1	96.7	97.2	97.3	97.4	97.4	97.4	97.7	97.7	97.8	97.8
GE 2000	71.3	89.3	93.9	95.7	96.2	96.4	97.1	97.7	97.8	97.9	97.9	97.9	98.1	98.1	98.2	98.2
GE 1800	71.3	89.4	94.0	95.8	96.3	96.6	97.2	97.8	97.9	98.0	98.0	98.0	98.2	98.2	98.3	98.3
GE 1500	71.3	89.4	94.1	96.1	96.8	97.1	97.8	98.3	98.4	98.6	98.6	98.6	98.8	98.8	98.9	98.9
GE 1200	71.3	89.4	94.1	96.1	96.8	97.1	97.9	98.4	98.6	98.7	98.7	98.7	98.9	98.9	99.0	99.0
GE 1000	71.3	89.4	94.1	96.1	96.8	97.1	97.9	98.4	98.6	98.7	98.7	98.7	98.9	98.9	99.0	99.0
GE 900	71.3	89.4	94.1	96.1	96.8	97.1	97.9	98.4	98.6	98.7	98.7	98.7	98.9	98.9	99.0	99.0
GE 800	71.3	89.4	94.1	96.1	96.8	97.1	97.9	98.4	98.6	98.7	98.7	98.7	98.9	98.9	99.0	99.0
GE 700	71.3	89.4	94.1	96.1	96.8	97.1	97.9	98.4	98.6	98.7	98.7	98.7	98.9	98.9	99.0	99.0
GE 600	71.3	89.4	94.1	96.1	96.8	97.1	97.9	98.4	98.6	98.7	98.7	98.7	98.9	98.9	99.0	99.0
GE 500	71.3	89.6	94.2	96.3	97.0	97.3	98.1	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.2	99.2
GE 400	71.3	89.6	94.2	96.3	97.0	97.3	98.1	98.8	98.9	99.0	99.0	99.0	99.2	99.2	99.3	99.3
GE 300	71.3	89.6	94.2	96.3	97.0	97.3	98.1	98.9	99.0	99.1	99.1	99.2	99.4	99.4	99.7	99.7
GE 200	71.3	89.6	94.2	96.3	97.0	97.3	98.1	98.9	99.0	99.1	99.3	99.4	99.7	99.7	99.9	99.9
GE 100	71.3	89.6	94.2	96.3	97.0	97.3	98.1	98.9	99.0	99.1	99.3	99.4	99.7	99.7	100.0	100.0
GE 000	71.3	89.6	94.2	96.3	97.0	97.3	98.1	98.9	99.0	99.1	99.3	99.4	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.7	68.8	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 20000	67.3	77.4	79.0	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 18000	67.6	77.7	79.2	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 16000	67.7	77.8	79.3	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 14000	68.6	78.8	80.3	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 12000	70.0	80.3	81.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 10000	71.4	81.9	83.6	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 9000	71.7	82.1	83.8	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 8000	73.4	84.1	86.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 7000	73.9	85.1	87.0	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 6000	74.3	85.7	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3
GE 5000	75.6	87.2	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
GE 4500	76.6	88.3	90.4	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2
GE 4000	77.4	89.3	91.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4
GE 3500	78.2	90.2	92.6	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3
GE 3000	80.7	92.9	95.6	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 2500	81.6	94.0	96.7	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
GE 2000	82.0	94.6	97.3	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800	82.1	95.0	97.8	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	82.3	95.2	98.0	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 1200	82.6	95.4	98.2	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	82.7	95.6	98.3	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	82.7	95.6	98.3	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	82.7	95.6	98.3	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	82.7	95.6	98.3	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	82.7	95.6	98.3	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	82.7	95.6	98.3	99.2	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	82.7	95.6	98.3	99.2	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	82.7	95.6	98.3	99.2	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	82.7	95.6	98.3	99.2	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	82.7	95.6	98.3	99.2	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	82.7	95.6	98.3	99.2	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.6	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 20000	74.8	79.8	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 18000	75.0	80.0	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 16000	75.0	80.0	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 14000	75.8	81.1	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 12000	76.6	82.1	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 10000	78.0	83.8	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 9000	78.4	84.2	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 8000	80.9	86.9	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 7000	81.3	87.3	87.7	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 6000	82.0	88.2	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 5000	82.8	89.9	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 4500	83.7	91.3	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 4000	84.2	92.1	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 3500	85.7	93.6	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 3000	87.8	95.9	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8
GE 2500	89.0	97.1	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 2000	89.4	97.7	98.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 1800	89.4	97.7	98.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 1500	89.8	98.0	99.1	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 1200	89.8	98.0	99.1	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 1000	89.8	98.0	99.1	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 900	89.8	98.0	99.1	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 800	89.8	98.0	99.1	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 700	89.8	98.0	99.1	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 600	89.8	98.0	99.1	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 500	89.8	98.0	99.1	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	89.8	98.0	99.1	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	89.8	98.0	99.1	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	89.8	98.0	99.1	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	89.8	98.0	99.1	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	89.8	98.0	99.1	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 20000	77.8	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 18000	78.1	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 16000	78.1	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 14000	79.6	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 12000	80.6	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 10000	81.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 9000	82.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 8000	83.8	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 7000	84.2	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 6000	84.7	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 5000	85.6	89.4	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 4500	86.4	90.7	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 4000	88.1	92.8	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 3500	89.7	94.3	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 3000	91.7	97.0	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2500	92.0	97.4	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 2000	92.6	98.1	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1800	92.6	98.1	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1500	92.7	98.2	99.0	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	92.7	98.2	99.0	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	92.7	98.2	99.0	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	92.9	98.4	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	92.9	98.4	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	92.9	98.4	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	92.9	98.4	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	92.9	98.4	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	92.9	98.4	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	92.9	98.4	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.9	98.4	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.9	98.4	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	92.9	98.4	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.2	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 20000	79.8	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 18000	80.0	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 16000	80.1	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 14000	81.0	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 12000	82.1	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 10000	83.7	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 9000	83.8	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 8000	87.0	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 7000	88.1	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 6000	88.3	92.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 5000	89.1	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 4500	89.7	93.9	94.3	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 4000	90.7	94.9	95.3	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 3500	91.3	95.7	96.1	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 3000	92.4	96.9	97.4	97.6	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 2500	92.7	97.2	97.8	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2000	93.0	97.7	98.2	98.6	98.7	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1800	93.0	97.7	98.2	9.6	98.7	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1500	93.0	97.8	98.4	98.9	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	93.2	98.0	98.9	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	93.2	98.0	98.9	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	93.2	98.0	98.9	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	93.2	98.0	98.9	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	93.2	98.0	98.9	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	93.2	98.0	98.9	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	93.2	98.0	98.9	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	93.2	98.0	98.9	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	93.2	98.0	98.9	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	93.2	98.0	98.9	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	93.2	98.0	98.9	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	93.2	98.0	98.9	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: 21-23

VISIBILITY IN STATUTE MILES																
CEILING	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
IN FEET																
NO CEIL	73.8	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 20000	81.6	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 18000	81.6	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 16000	81.6	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 14000	81.7	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 12000	82.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 10000	84.4	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 9000	85.1	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 8000	88.0	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 7000	88.9	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 6000	89.2	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 5000	90.4	93.1	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 4500	91.0	93.8	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 4000	91.8	94.6	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 3500	92.9	95.8	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 3000	94.0	96.9	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2500	94.6	97.6	98.3	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2000	94.9	97.9	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1800	95.0	98.2	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500	95.0	98.2	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	95.0	98.3	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	95.0	98.3	99.2	99.4	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	95.0	98.3	99.2	99.4	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	95.0	98.3	99.2	99.4	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	95.0	98.3	99.2	99.4	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	95.0	98.3	99.2	99.4	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	95.0	98.3	99.2	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	95.0	98.3	99.2	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.0	98.3	99.2	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.0	98.3	99.2	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.0	98.3	99.2	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.0	98.3	99.2	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.6	71.4	72.2	72.6	72.7	72.7	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	73.0	73.0
GE 20000	74.4	80.1	81.1	81.5	81.7	81.7	81.7	81.8	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.0
GE 18000	74.6	80.3	81.3	81.7	81.9	81.9	81.9	82.0	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2
GE 16000	74.7	80.3	81.3	81.8	81.9	81.9	82.0	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2
GE 14000	75.3	81.1	82.1	82.5	82.7	82.7	82.7	82.8	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.0
GE 12000	76.5	82.3	83.4	83.8	83.9	83.9	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.3
GE 10000	77.9	83.8	84.9	85.4	85.5	85.5	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8
GE 9000	78.3	84.2	85.3	85.8	85.9	85.9	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2
GE 8000	80.8	87.0	88.2	88.7	88.8	88.8	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1
GE 7000	81.6	87.9	89.2	89.6	89.7	89.8	89.8	89.9	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1
GE 6000	82.0	88.5	89.7	90.2	90.3	90.4	90.4	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7
GE 5000	83.0	89.8	91.1	91.6	91.7	91.8	91.8	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1
GE 4500	83.9	90.8	92.2	92.7	92.8	92.9	92.9	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2
GE 4000	84.9	92.0	93.4	93.9	94.0	94.1	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4
GE 3500	85.8	93.0	94.4	94.9	95.1	95.1	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.5	95.5
GE 3000	87.3	94.7	96.2	96.7	96.9	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3
GE 2500	87.8	95.4	97.0	97.5	97.8	97.8	97.9	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.3	98.3
GE 2000	88.2	95.8	97.5	98.1	98.4	98.5	98.6	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	88.2	95.9	97.6	98.2	98.5	98.6	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.1
GE 1500	88.3	96.0	97.8	98.5	98.8	98.9	99.0	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
GE 1200	88.4	96.1	97.9	98.6	98.9	99.0	99.2	99.3	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6
GE 1000	88.4	96.2	98.0	98.6	99.0	99.1	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.7
GE 900	88.5	96.2	98.0	98.7	99.0	99.1	99.3	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7
GE 800	88.5	96.2	98.0	98.7	99.0	99.1	99.3	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7
GE 700	88.5	96.2	98.0	98.7	99.0	99.1	99.3	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7
GE 600	88.5	96.2	98.0	98.7	99.0	99.1	99.3	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7
GE 500	88.5	96.2	98.0	98.7	99.1	99.2	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8
GE 400	88.5	96.2	98.0	98.7	99.1	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
GE 300	88.5	96.2	98.0	98.7	99.1	99.2	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8
GE 200	88.5	96.2	98.0	98.7	99.1	99.2	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
GE 100	88.5	96.2	98.0	98.7	99.1	99.2	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.9	100.0
GE 000	88.5	96.2	98.0	98.7	99.1	99.2	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88

MONTH: MAY HOURS: 00-02

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	73.3	75.7	76.5	76.9	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 20000	79.7	82.6	83.3	83.9	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 18000	79.7	82.6	83.3	83.9	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 16000	79.9	82.8	83.5	84.1	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 14000	80.3	83.2	84.0	84.5	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 12000	81.5	84.4	85.2	85.7	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 10000	84.5	87.7	88.5	89.0	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 9000	84.7	88.2	89.1	89.7	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 8000	86.1	89.9	90.9	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 7000	86.9	90.6	91.6	92.2	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 6000	87.4	91.2	92.2	92.7	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 5000	88.6	92.5	93.4	94.0	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 4500	88.8	92.7	93.7	94.2	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 4000	89.6	93.4	94.4	94.9	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 3500	90.5	94.5	95.5	96.0	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 3000	92.4	96.3	97.4	98.0	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 2500	92.4	96.3	97.5	98.1	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	92.7	96.8	98.1	98.6	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1800	92.8	96.9	98.2	98.7	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1500	92.9	97.1	98.4	98.9	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	93.0	97.3	98.6	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	93.0	97.3	98.6	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	93.0	97.3	98.7	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	93.0	97.3	98.7	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	93.0	97.3	98.7	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	93.0	97.3	98.7	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	93.0	97.3	98.7	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	93.0	97.3	98.7	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	93.0	97.3	98.7	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	93.0	97.3	98.7	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.0	97.3	98.7	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	93.0	97.3	98.7	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	72.8	75.7	77.4	78.2	78.6	78.6	78.7	78.8	78.8	78.8	78.9	78.9	79.0	79.0	79.0	79.0
GE 20000	78.0	81.1	82.9	83.7	84.2	84.2	84.3	84.4	84.4	84.4	84.5	84.5	84.6	84.6	84.6	84.6
GE 18000	78.1	81.2	83.0	83.8	84.3	84.3	84.4	84.5	84.5	84.5	84.6	84.6	84.7	84.7	84.7	84.7
GE 16000	78.2	81.3	83.1	83.9	84.4	84.4	84.5	84.6	84.6	84.6	84.7	84.7	84.8	84.8	84.8	84.8
GE 14000	78.3	81.4	83.2	84.0	84.5	84.5	84.6	84.7	84.7	84.7	84.8	84.8	84.9	84.9	84.9	84.9
GE 12000	78.8	81.9	83.8	84.5	85.1	85.1	85.2	85.3	85.3	85.3	85.4	85.4	85.5	85.5	85.5	85.5
GE 10000	81.6	85.6	87.5	88.4	88.9	88.9	89.0	89.1	89.1	89.1	89.2	89.2	89.4	89.4	89.4	89.4
GE 9000	82.0	86.0	88.0	88.8	89.4	89.4	89.5	89.6	89.6	89.6	89.7	89.7	89.8	89.8	89.8	89.8
GE 8000	83.4	87.6	89.8	90.6	91.2	91.2	91.3	91.4	91.4	91.4	91.5	91.5	91.6	91.6	91.6	91.6
GE 7000	84.0	88.4	90.5	91.4	91.9	91.9	92.0	92.2	92.2	92.2	92.3	92.3	92.4	92.4	92.4	92.4
GE 6000	84.7	89.2	91.4	92.3	92.8	92.8	92.9	93.0	93.0	93.0	93.1	93.1	93.2	93.2	93.2	93.2
GE 5000	86.3	91.1	93.3	94.3	94.8	94.8	94.9	95.1	95.1	95.1	95.2	95.2	95.3	95.3	95.3	95.3
GE 4500	86.6	91.3	93.5	94.5	95.1	95.1	95.2	95.3	95.3	95.3	95.4	95.4	95.5	95.5	95.5	95.5
GE 4000	87.3	92.2	94.4	95.4	95.9	95.9	96.0	96.1	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.3
GE 3500	87.4	92.3	94.5	95.5	96.0	96.0	96.1	96.2	96.2	96.2	96.3	96.3	96.5	96.5	96.5	96.5
GE 3000	88.0	92.9	95.4	96.3	96.9	96.9	97.0	97.1	97.1	97.1	97.2	97.2	97.3	97.3	97.3	97.3
GE 2500	88.3	93.3	95.8	96.9	97.5	97.5	97.6	97.7	97.7	97.7	97.8	97.8	98.0	98.0	98.0	98.0
GE 2000	88.5	94.0	96.5	97.6	98.3	98.3	98.4	98.5	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7
GE 1800	88.5	94.0	96.5	97.6	98.3	98.3	98.4	98.5	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7
GE 1500	88.5	94.2	96.9	98.1	98.7	98.7	98.8	98.9	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1
GE 1200	88.5	94.2	97.0	98.2	98.8	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2
GE 1000	88.5	94.2	97.0	98.2	98.8	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2
GE 900	88.5	94.2	97.0	98.2	98.8	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2
GE 800	88.5	94.2	97.0	98.2	98.8	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2
GE 700	88.5	94.2	97.1	98.3	98.9	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.5	99.5	99.5
GE 600	88.5	94.3	97.2	98.4	99.0	99.0	99.1	99.2	99.2	99.2	99.4	99.4	99.5	99.6	99.6	99.6
GE 500	88.5	94.3	97.2	98.4	99.1	99.1	99.2	99.4	99.4	99.4	99.5	99.5	99.6	99.7	99.7	99.7
GE 400	88.5	94.3	97.3	98.5	99.2	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.8	99.8	99.8
GE 300	88.5	94.3	97.3	98.5	99.2	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.8	99.8	99.8
GE 200	88.5	94.3	97.3	98.5	99.2	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.8	99.8	99.8
GE 100	88.5	94.3	97.3	98.5	99.2	99.2	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.9	99.9	100.0
GE 000	88.5	94.3	97.3	98.5	99.2	99.2	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.3	64.2	66.8	68.7	69.6	69.8	70.0	70.0	70.0	70.2	70.2	70.3	70.4	70.4	70.4	70.5
GE 20000	64.7	73.0	75.6	78.3	79.5	79.7	79.9	79.9	79.9	80.1	80.1	80.2	80.3	80.3	80.3	80.4
GE 18000	64.8	73.1	75.7	78.4	79.6	79.8	80.0	80.0	80.0	80.2	80.2	80.3	80.4	80.4	80.4	80.5
GE 16000	65.1	73.3	75.9	78.6	79.8	80.0	80.2	80.2	80.2	80.4	80.4	80.5	80.6	80.6	80.6	80.8
GE 14000	65.4	73.7	76.2	78.9	80.1	80.3	80.5	80.5	80.5	80.8	80.8	80.9	81.0	81.0	81.0	81.1
GE 12000	66.9	75.5	78.3	81.0	82.2	82.4	82.6	82.6	82.6	82.8	82.8	82.9	83.0	83.0	83.0	83.1
GE 10000	68.8	77.6	80.4	83.1	84.3	84.5	84.7	84.7	84.7	84.9	84.9	85.1	85.2	85.2	85.2	85.3
GE 9000	69.1	78.1	80.9	83.5	84.7	84.9	85.2	85.2	85.2	85.4	85.4	85.5	85.6	85.6	85.6	85.7
GE 8000	71.6	81.1	84.1	86.9	88.2	88.4	88.6	88.6	88.6	88.8	88.8	88.9	89.0	89.0	89.0	89.1
GE 7000	72.7	82.2	85.2	88.2	89.5	89.7	89.9	89.9	89.9	90.1	90.1	90.2	90.3	90.3	90.3	90.4
GE 6000	73.3	82.8	86.1	89.1	90.5	90.8	91.0	91.0	91.0	91.2	91.2	91.3	91.4	91.4	91.4	91.5
GE 5000	74.8	84.5	87.8	90.9	92.3	92.5	92.7	92.7	92.7	92.9	92.9	93.0	93.1	93.1	93.1	93.2
GE 4500	75.2	84.8	88.3	91.3	92.7	92.9	93.1	93.1	93.1	93.3	93.3	93.4	93.5	93.5	93.5	93.7
GE 4000	76.1	85.9	89.4	92.4	93.8	94.0	94.2	94.2	94.2	94.4	94.4	94.5	94.6	94.6	94.6	94.7
GE 3500	76.6	86.7	90.1	93.2	94.6	94.8	95.1	95.1	95.1	95.3	95.3	95.4	95.5	95.5	95.5	95.6
GE 3000	78.0	88.1	91.7	94.8	96.2	96.5	96.7	96.7	96.7	96.9	96.9	97.0	97.1	97.1	97.1	97.2
GE 2500	78.3	88.5	92.2	95.4	96.9	97.1	97.3	97.3	97.3	97.5	97.5	97.6	97.7	97.7	97.7	97.8
GE 2000	78.5	89.0	93.1	96.6	98.1	98.3	98.5	98.5	98.5	98.7	98.7	98.8	98.9	98.9	98.9	99.0
GE 1800	78.5	89.0	93.2	96.7	98.2	98.4	98.6	98.6	98.6	98.8	98.8	98.9	99.0	99.0	99.0	99.1
GE 1500	78.7	89.4	93.7	97.2	98.7	98.9	99.1	99.1	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.7
GE 1200	78.7	89.4	93.8	97.3	98.8	99.0	99.2	99.2	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.8
GE 1000	78.7	89.4	93.8	97.3	98.8	99.0	99.2	99.2	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.8
GE 900	78.7	89.4	93.8	97.3	98.8	99.0	99.2	99.2	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.8
GE 800	78.7	89.4	93.8	97.3	98.8	99.0	99.2	99.2	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.8
GE 700	78.7	89.4	93.8	97.3	98.8	99.0	99.2	99.2	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.8
GE 600	78.7	89.4	93.8	97.3	98.8	99.0	99.2	99.2	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.8
GE 500	78.7	89.4	93.8	97.3	98.8	99.0	99.2	99.2	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.8
GE 400	78.7	89.4	93.8	97.3	98.8	99.0	99.2	99.2	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.8
GE 300	78.7	89.4	93.8	97.3	98.8	99.0	99.2	99.2	99.2	99.6	99.6	99.7	99.8	99.8	99.8	99.9
GE 200	78.7	89.4	93.8	97.3	98.8	99.0	99.2	99.2	99.2	99.6	99.6	99.7	99.8	99.8	99.8	99.9
GE 100	78.7	89.4	93.8	97.3	98.8	99.0	99.2	99.2	99.2	99.6	99.6	99.7	99.8	99.8	99.8	100.0
GE 000	78.7	89.4	93.8	97.3	98.8	99.0	99.2	99.2	99.2	99.6	99.6	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.8	60.8	63.9	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 20000	65.9	71.6	74.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 18000	65.9	71.6	74.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 16000	66.2	71.9	75.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 14000	66.9	72.7	75.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 12000	69.0	75.4	78.5	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 10000	71.8	78.7	81.8	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 9000	72.2	79.1	82.3	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 8000	75.5	82.8	86.2	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 7000	76.3	83.7	87.1	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 6000	77.2	84.7	88.3	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 5000	78.2	85.7	89.2	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 4500	78.3	85.9	89.5	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 4000	78.8	86.6	90.1	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 3500	79.7	87.5	91.3	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 3000	81.6	89.7	93.7	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2500	82.7	90.8	94.8	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2000	84.0	92.4	96.5	97.7	98.3	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800	84.0	92.4	96.5	97.7	98.3	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1500	84.0	92.5	96.7	98.0	98.6	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	84.2	92.7	96.9	98.2	98.9	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	84.2	92.7	96.9	98.2	99.0	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	84.2	92.7	96.9	98.2	99.0	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	84.2	92.7	96.9	98.2	99.0	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	84.2	92.7	96.9	98.3	99.1	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	84.2	92.7	96.9	98.3	99.1	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	84.2	92.7	96.9	98.3	99.1	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 400	84.2	92.7	96.9	98.3	99.1	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 300	84.2	92.7	96.9	98.3	99.1	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	84.2	92.7	96.9	98.3	99.1	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	84.2	92.7	96.9	98.3	99.1	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	84.2	92.7	96.9	98.3	99.1	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.8	59.5	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 20000	68.2	72.3	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 18000	68.8	72.9	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 16000	69.2	73.3	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 14000	70.1	74.3	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 12000	71.9	76.5	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 10000	74.8	79.9	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 9000	75.5	80.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 8000	79.0	84.7	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 7000	79.7	85.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 6000	80.6	86.3	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 5000	82.6	88.3	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 4500	82.9	88.6	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 4000	83.3	89.0	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 3500	84.1	89.9	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 3000	86.6	93.0	95.8	96.2	96.3	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 2500	87.5	94.1	97.0	97.4	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2000	88.3	95.3	98.4	98.9	99.1	99.2	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1800	88.4	95.4	98.5	99.0	99.2	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500	88.5	95.6	98.7	99.2	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	88.5	95.6	98.7	99.2	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	88.5	95.6	98.7	99.2	99.5	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	88.5	95.6	98.7	99.2	99.5	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	88.5	95.6	98.7	99.2	99.5	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	88.5	95.6	98.7	99.2	99.5	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	88.5	95.6	98.7	99.2	99.5	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	88.5	95.6	98.7	99.2	99.5	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	88.5	95.6	98.7	99.2	99.5	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	88.5	95.6	98.7	99.2	99.5	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	88.5	95.6	98.7	99.2	99.5	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	88.5	95.6	98.7	99.2	99.5	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	88.5	95.6	98.7	99.2	99.5	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.0	56.6	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 20000	73.3	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 18000	74.1	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 16000	74.5	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 14000	76.2	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 12000	78.4	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 10000	82.4	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 9000	83.0	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 8000	87.0	89.6	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 7000	87.7	90.5	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 6000	88.4	91.4	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 5000	89.8	92.8	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 4500	90.0	93.0	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 4000	90.4	93.5	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 3500	91.0	94.6	95.4	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 3000	92.9	96.9	97.6	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2500	93.0	97.2	98.4	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 2000	93.3	97.6	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1800	93.3	97.6	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1500	93.4	97.7	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	93.4	97.7	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	93.4	97.7	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	93.4	97.7	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	93.4	97.7	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	93.4	97.7	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	93.4	97.7	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	93.4	97.7	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	93.4	97.7	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	93.4	97.7	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	93.4	97.7	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.4	97.7	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	93.4	97.7	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: 16-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.6	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 20000	75.2	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 18000	75.5	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 16000	76.0	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 14000	77.8	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 12000	79.8	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 10000	82.5	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 9000	83.4	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 8000	87.5	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 7000	88.4	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 6000	89.0	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 5000	89.8	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 4500	89.9	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 4000	90.2	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 3500	90.9	94.5	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 3000	92.5	96.6	97.1	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2500	93.3	97.5	98.2	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	93.9	98.2	98.8	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1800	93.9	98.2	98.8	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5
GE 1500	94.0	98.3	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
GE 1200	94.1	98.4	99.0	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
GE 1000	94.1	98.5	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
GE 900	94.1	98.5	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
GE 800	94.1	98.5	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
GE 700	94.1	98.5	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
GE 600	94.1	98.5	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0
GE 500	94.1	98.5	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0
GE 400	94.1	98.5	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0
GE 300	94.1	98.5	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0
GE 200	94.1	98.5	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0
GE 100	94.1	98.5	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0
GE 000	94.1	98.5	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	73.7	74.8	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 20000	81.6	83.3	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 18000	81.9	83.7	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 16000	81.9	83.7	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 14000	83.2	85.1	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 12000	85.6	87.5	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 10000	89.0	91.3	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 9000	89.5	91.9	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 8000	91.2	93.8	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 7000	92.2	94.7	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 6000	92.4	94.9	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 5000	93.0	95.6	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 4500	93.0	95.6	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 4000	93.5	96.1	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 3500	94.2	96.9	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 3000	95.6	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2500	95.7	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2000	95.9	98.7	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1800	95.9	98.7	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	96.0	98.8	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	96.0	98.9	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	96.0	98.9	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	96.0	98.9	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	96.0	98.9	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 700	96.0	98.9	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 600	96.0	98.9	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 500	96.0	98.9	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 400	96.0	98.9	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 300	96.0	98.9	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	96.0	98.9	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	96.0	98.9	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	96.0	98.9	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.2	66.1	67.4	67.9	68.1	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 20000	73.3	76.8	78.1	78.8	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3
GE 18000	73.6	77.1	78.4	79.1	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 16000	73.9	77.4	78.7	79.4	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 14000	74.8	78.3	79.7	80.3	80.6	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8
GE 12000	76.5	80.3	81.7	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8
GE 10000	79.4	83.8	85.2	85.9	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4
GE 9000	79.9	84.4	85.8	86.5	86.8	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0
GE 8000	82.7	87.5	89.1	89.8	90.1	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 7000	83.5	88.4	90.0	90.7	91.0	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 6000	84.1	89.1	90.8	91.5	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1
GE 5000	85.4	90.4	92.1	92.9	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 4500	85.6	90.6	92.3	93.1	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7
GE 4000	86.2	91.3	93.0	93.9	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4
GE 3500	86.8	92.1	93.9	94.7	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3
GE 3000	88.4	94.0	95.9	96.8	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2500	88.9	94.5	96.6	97.5	98.0	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 2000	89.4	95.2	97.4	98.4	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2
GE 1800	89.4	95.3	97.4	98.5	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1500	89.5	95.4	97.6	98.7	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 1200	89.6	95.5	97.8	98.8	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	89.6	95.5	97.8	98.9	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 900	89.6	95.5	97.8	98.9	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 800	89.6	95.5	97.8	98.9	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
GE 700	89.6	95.5	97.8	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9
GE 600	89.6	95.6	97.8	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9
GE 500	89.6	95.6	97.8	98.9	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 400	89.6	95.6	97.8	98.9	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
GE 300	89.6	95.6	97.8	98.9	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	89.6	95.6	97.8	98.9	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	89.6	95.6	97.8	98.9	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	89.6	95.6	97.8	98.9	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	70.8	72.1	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 20000	80.8	82.8	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 18000	80.9	82.9	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 16000	80.9	82.9	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 14000	81.4	83.6	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 12000	83.7	86.2	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 10000	87.2	90.1	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 9000	87.8	90.8	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 8000	89.9	92.9	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 7000	90.0	93.0	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 6000	90.6	93.7	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 5000	91.8	94.9	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 4500	92.3	95.4	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 4000	92.7	95.8	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 3500	93.1	96.2	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 3000	93.8	97.0	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2500	94.1	97.4	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 2000	94.6	98.1	99.0	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1800	94.6	98.1	99.0	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1500	94.6	98.2	99.1	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200	94.6	98.2	99.1	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	94.6	98.2	99.1	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	94.6	98.2	99.1	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 800	94.6	98.2	99.1	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 700	94.6	98.2	99.1	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 600	94.6	98.2	99.1	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 500	94.6	98.2	99.1	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	94.6	98.2	99.1	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	94.6	98.2	99.1	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	94.6	98.2	99.1	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	94.6	98.2	99.1	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	94.6	98.2	99.1	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	70.4	73.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 20000	80.7	83.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 18000	80.7	83.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 16000	80.9	84.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 14000	81.3	84.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 12000	82.7	86.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 10000	86.7	90.3	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 9000	87.1	90.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 8000	89.3	93.1	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 7000	89.9	93.8	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 6000	89.9	94.0	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 5000	90.8	95.2	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 4500	91.3	95.8	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 4000	91.7	96.1	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 3500	91.8	96.2	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 3000	92.1	96.7	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2500	92.3	96.9	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2000	92.9	97.4	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1800	92.9	97.4	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500	92.9	97.4	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	92.9	97.6	99.1	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	92.9	97.6	99.1	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	92.9	97.6	99.1	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	92.9	97.6	99.1	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	92.9	97.6	99.1	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	92.9	97.6	99.1	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	92.9	97.6	99.1	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	92.9	97.6	99.1	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	92.9	97.6	99.1	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.9	97.6	99.1	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.9	97.6	99.1	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	92.9	97.6	99.1	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.9	64.9	65.6	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 20000	71.6	78.8	79.6	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 18000	71.8	79.0	79.8	80.4	8.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 16000	72.0	79.2	80.0	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 14000	72.4	79.7	80.4	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 12000	74.9	82.7	83.6	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 10000	78.6	86.8	87.8	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 9000	78.6	86.8	87.8	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 8000	81.6	90.1	91.4	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 7000	82.8	91.6	93.0	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 6000	83.1	91.9	93.3	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 5000	83.9	92.9	94.4	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 4500	84.0	93.2	94.9	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 4000	84.4	93.8	95.4	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 3500	84.7	94.1	95.8	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 3000	85.4	95.0	97.1	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 2500	85.7	95.3	97.4	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 2000	85.7	95.3	97.6	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1800	85.8	95.4	97.7	98.8	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1500	86.0	95.8	98.2	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200	86.0	95.8	98.2	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	86.0	95.8	98.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	86.0	95.8	98.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	86.0	95.8	98.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	86.0	95.8	98.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	86.0	95.8	98.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	86.0	95.8	98.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	86.0	95.8	98.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	86.0	95.8	98.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	86.0	95.8	98.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	86.0	95.8	98.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	86.0	95.8	98.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.9	58.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 20000	68.7	75.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 18000	69.1	76.2	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 16000	69.2	76.3	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 14000	70.0	77.1	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 12000	72.9	80.6	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 10000	77.0	84.8	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 9000	77.0	84.8	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 8000	79.7	88.0	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 7000	80.3	88.7	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 6000	80.9	89.3	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 5000	81.2	89.8	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 4500	81.4	90.0	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 4000	82.3	91.0	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 3500	82.9	91.6	93.4	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 3000	84.0	93.0	95.6	95.8	96.1	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 2500	84.8	93.9	96.7	96.9	97.3	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 2000	85.1	94.4	97.6	97.9	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1800	85.2	94.6	97.7	98.0	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1500	85.3	94.8	98.0	98.4	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	85.3	94.9	98.1	98.6	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	85.3	94.9	98.1	98.6	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	85.3	94.9	98.1	98.6	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	85.3	94.9	98.1	98.6	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	85.3	94.9	98.1	98.6	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	85.3	94.9	98.1	98.6	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	85.3	94.9	98.1	98.6	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	85.3	94.9	98.1	98.6	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	85.3	94.9	98.1	98.6	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	85.3	94.9	98.1	98.6	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	85.3	94.9	98.1	98.6	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	85.3	94.9	98.1	98.6	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.6	50.4	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 20000	65.3	71.9	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 18000	66.2	73.0	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 16000	66.2	73.0	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 14000	67.9	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 12000	71.8	78.7	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 10000	76.6	83.8	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 9000	76.7	83.9	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 8000	79.4	87.0	88.0	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 7000	80.1	88.0	89.0	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 6000	80.7	88.9	89.9	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 5000	81.3	89.6	90.6	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 4500	81.4	89.7	90.7	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 4000	82.4	91.0	92.0	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 3500	82.7	91.2	92.3	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 3000	84.7	93.4	94.6	94.9	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2500	85.6	94.6	95.7	96.1	96.8	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 2000	86.9	96.0	97.2	97.9	98.6	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	86.9	96.0	97.2	97.9	98.6	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500	87.1	96.3	97.6	98.3	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
GE 1200	87.1	96.3	97.6	98.3	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
GE 1000	87.1	96.3	97.6	98.3	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9
GE 900	87.1	96.3	97.6	98.3	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9
GE 800	87.1	96.3	97.6	98.3	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9
GE 700	87.1	96.3	97.6	98.3	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9
GE 600	87.1	96.3	97.6	98.3	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9
GE 500	87.1	96.3	97.6	98.3	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0
GE 400	87.1	96.3	97.6	98.3	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0
GE 300	87.1	96.3	97.6	98.3	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0
GE 200	87.1	96.3	97.6	98.3	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0
GE 100	87.1	96.3	97.6	98.3	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0
GE 000	87.1	96.3	97.6	98.3	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 20000	62.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 18000	63.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 16000	64.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 14000	66.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 12000	72.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 10000	77.7	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 9000	77.9	82.4	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 8000	82.7	87.3	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 7000	83.9	88.7	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 6000	84.2	89.0	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 5000	86.0	90.9	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 4500	86.7	91.7	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 4000	87.8	93.3	93.6	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 3500	88.0	93.6	93.8	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 3000	89.4	95.0	95.2	95.2	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2500	90.2	95.9	96.2	96.6	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2000	90.6	96.3	96.9	97.7	98.2	98.3	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 1800	90.7	96.7	97.2	98.0	98.6	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 1500	90.7	96.8	97.3	98.1	98.7	98.8	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 1200	90.7	96.8	97.3	98.1	98.7	98.8	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 1000	90.7	96.8	97.3	98.1	98.7	98.8	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8
GE 900	90.7	96.8	97.3	98.1	98.7	98.8	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8
GE 800	90.7	96.8	97.3	98.1	98.7	98.8	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8
GE 700	90.7	96.8	97.3	98.1	98.7	98.8	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8
GE 600	90.7	96.8	97.3	98.1	98.7	98.8	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8
GE 500	90.7	96.8	97.3	98.1	98.7	98.8	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8
GE 400	90.7	96.8	97.3	98.1	98.7	98.8	99.3	99.4	99.4	99.7	99.7	99.7	99.9	99.9	99.9	100.0
GE 300	90.7	96.8	97.3	98.1	98.7	98.8	99.3	99.4	99.4	99.7	99.7	99.7	99.9	99.9	99.9	100.0
GE 200	90.7	96.8	97.3	98.1	98.7	98.8	99.3	99.4	99.4	99.7	99.7	99.7	99.9	99.9	99.9	100.0
GE 100	90.7	96.8	97.3	98.1	98.7	98.8	99.3	99.4	99.4	99.7	99.7	99.7	99.9	99.9	99.9	100.0
GE 000	90.7	96.8	97.3	98.1	98.7	98.8	99.3	99.4	99.4	99.7	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.3	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 20000	71.3	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 18000	72.2	74.2	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 16000	72.2	74.2	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 14000	75.2	77.2	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 12000	79.1	81.1	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 10000	84.6	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 9000	84.7	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 8000	88.0	90.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 7000	89.2	91.8	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 6000	89.2	91.9	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 5000	90.8	93.7	94.4	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 4500	91.3	94.2	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 4000	91.9	95.0	95.8	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 3500	92.3	95.4	96.2	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 3000	93.0	96.1	97.0	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2500	93.6	96.7	97.6	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2000	94.1	97.6	98.6	99.0	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1800	94.1	97.6	98.6	99.0	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500	94.1	97.6	98.6	99.1	99.3	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	94.2	97.7	98.7	99.2	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	94.2	97.7	98.7	99.2	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	94.2	97.7	98.7	99.2	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	94.2	97.7	98.7	99.2	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	94.2	97.7	98.7	99.2	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	94.2	97.7	98.7	99.2	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	94.2	97.7	98.7	99.2	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	94.2	97.7	98.7	99.2	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	94.2	97.7	98.7	99.2	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	94.2	97.7	98.7	99.2	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	94.2	97.7	98.7	99.2	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	94.2	97.7	98.7	99.2	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.0	63.3	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 20000	81.9	83.6	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 18000	82.0	83.7	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 16000	82.0	83.7	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 14000	83.9	85.6	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 12000	85.2	86.9	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 10000	90.0	91.9	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 9000	90.1	92.0	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 8000	91.4	93.7	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 7000	92.2	94.4	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 6000	92.3	94.7	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 5000	93.1	95.6	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 4500	93.7	96.1	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 4000	93.9	96.3	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 3500	94.0	96.4	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 3000	94.3	96.8	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2500	94.4	97.0	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2000	94.8	97.4	98.8	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 1800	94.8	97.4	98.8	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	94.8	97.4	98.8	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	94.8	97.4	98.8	99.1	99.2	99.3	99.3	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	94.8	97.4	98.8	99.2	99.3	99.4	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	94.8	97.4	98.8	99.2	99.3	99.4	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	94.8	97.4	98.8	99.2	99.3	99.4	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	94.8	97.4	98.8	99.2	99.3	99.4	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	94.8	97.4	98.8	99.2	99.3	99.4	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	94.8	97.4	98.8	99.2	99.3	99.4	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	94.8	97.4	98.8	99.2	99.3	99.4	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	94.8	97.4	98.8	99.2	99.3	99.4	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.8	97.4	98.8	99.2	99.3	99.4	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.8	97.4	98.8	99.2	99.3	99.4	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.8	97.4	98.8	99.2	99.3	99.4	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.3	58.6	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 20000	72.8	77.0	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 18000	73.3	77.5	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 16000	73.4	77.7	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 14000	74.9	79.2	79.8	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 12000	77.8	82.4	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 10000	82.3	87.1	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 9000	82.5	87.3	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 8000	85.3	90.3	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 7000	86.1	91.2	92.2	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 6000	86.4	91.7	92.6	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 5000	87.4	92.8	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 4500	87.8	93.3	94.3	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 4000	88.4	94.0	95.1	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 3500	88.7	94.3	95.4	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 3000	89.6	95.4	96.6	96.9	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2500	90.1	96.0	97.2	97.6	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2000	90.6	96.6	98.1	98.6	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1800	90.6	96.7	98.1	98.7	99.0	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	90.7	96.8	98.3	98.9	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	90.7	96.8	98.4	99.0	99.3	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	90.7	96.8	98.4	99.0	99.4	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	90.7	96.8	98.4	99.0	99.4	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	90.7	96.8	98.4	99.0	99.4	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	90.7	96.8	98.4	99.0	99.4	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	90.7	96.8	98.4	99.0	99.4	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	90.7	96.8	98.4	99.0	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 400	90.7	96.8	98.4	99.0	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	90.7	96.8	98.4	99.0	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	90.7	96.8	98.4	99.0	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	90.7	96.8	98.4	99.0	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	90.7	96.8	98.4	99.0	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	75.6	76.8	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 20000	89.6	91.3	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 18000	89.8	91.5	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 16000	89.8	91.5	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 14000	90.0	91.7	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 12000	91.0	92.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 10000	93.3	95.1	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 9000	93.4	95.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 8000	94.5	96.6	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 7000	94.5	96.6	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 6000	94.6	96.7	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 5000	94.8	96.9	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 4500	95.1	97.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 4000	95.4	97.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 3500	95.6	97.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 3000	95.6	97.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2500	95.6	97.8	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 2000	95.6	98.1	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1800	95.6	98.2	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1500	95.7	98.3	99.5	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	95.7	98.3	99.5	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	95.7	98.3	99.5	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	95.7	98.3	99.5	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	95.7	98.3	99.5	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	95.7	98.3	99.5	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	95.7	98.3	99.5	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	95.7	98.3	99.5	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	95.7	98.3	99.5	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.7	98.3	99.5	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.7	98.3	99.5	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.7	98.3	99.5	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.7	98.3	99.5	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	75.3	76.5	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 20000	87.7	90.3	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 18000	88.1	90.6	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 16000	88.3	90.9	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 14000	89.4	91.9	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 12000	90.4	93.0	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 10000	92.4	95.1	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 9000	92.4	95.1	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 8000	93.5	97.0	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 7000	93.7	97.1	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 6000	93.8	97.2	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 5000	93.9	97.3	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 4500	94.0	97.4	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 4000	94.2	97.6	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 3500	94.2	97.6	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 3000	94.2	97.7	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2500	94.4	98.1	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 2000	94.7	98.5	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1800	94.7	98.5	99.2	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	94.7	98.5	99.2	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	94.7	98.5	99.2	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	94.7	98.5	99.2	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	94.7	98.5	99.2	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	94.7	98.5	99.2	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	94.7	98.5	99.2	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	94.7	98.5	99.2	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	94.7	98.5	99.2	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	94.7	98.5	99.2	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	94.7	98.5	99.2	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.7	98.5	99.2	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.7	98.5	99.2	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.7	98.5	99.2	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.5	66.7	67.6	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 20000	78.1	84.8	86.2	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 18000	78.1	84.8	86.2	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 16000	78.5	85.4	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 14000	79.5	86.9	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 12000	81.6	89.4	90.8	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 10000	85.4	93.2	94.6	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 9000	85.6	93.4	94.8	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 8000	87.3	95.4	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 7000	88.0	96.0	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 6000	88.1	96.1	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 5000	88.1	96.1	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 4500	88.2	96.2	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 4000	88.3	96.3	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 3500	88.3	96.3	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 3000	88.3	96.3	98.2	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2500	88.5	96.7	98.5	98.8	99.0	99.0	9.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 2000	88.6	96.8	98.7	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 1800	88.7	96.9	98.8	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500	88.7	96.9	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9
GE 1200	88.7	96.9	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9
GE 1000	88.7	96.9	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9
GE 900	88.7	96.9	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9
GE 800	88.7	96.9	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9
GE 700	88.7	96.9	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9
GE 600	88.7	96.9	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9
GE 500	88.7	96.9	99.0	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 400	88.7	96.9	99.0	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 300	88.7	96.9	99.0	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 200	88.7	96.9	99.0	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	88.7	96.9	99.0	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	88.7	96.9	99.0	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: 09-11

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.9	58.3	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 20000	76.1	82.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5
GE 18000	76.5	82.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9
GE 16000	76.5	82.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0
GE 14000	77.8	84.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8
GE 12000	81.4	88.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5
GE 10000	85.5	92.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2
GE 9000	85.8	93.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5
GE 8000	87.4	94.8	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5
GE 7000	87.5	94.9	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6
GE 6000	87.7	95.2	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
GE 5000	87.7	95.2	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
GE 4500	87.8	95.3	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
GE 4000	88.2	95.6	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
GE 3500	88.3	95.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
GE 3000	88.6	96.0	97.3	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
GE 2500	89.1	96.8	98.1	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7
GE 2000	89.8	97.4	98.8	99.0	99.2	99.2	99.5	99.5	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8
GE 1800	89.8	97.4	98.8	99.0	99.2	99.2	99.5	99.5	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8
GE 1500	89.9	97.5	98.9	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9
GE 1200	89.9	97.5	98.9	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 1000	89.9	97.5	98.9	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 900	89.9	97.5	98.9	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 800	89.9	97.5	98.9	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 700	89.9	97.5	98.9	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 600	89.9	97.5	98.9	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 500	89.9	97.5	98.9	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	89.9	97.5	98.9	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	89.9	97.5	98.9	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	89.9	97.5	98.9	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	89.9	97.5	98.9	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	89.9	97.5	98.9	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.7	50.3	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 20000	74.8	79.8	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 18000	75.2	80.2	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 16000	75.3	80.6	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 14000	77.3	82.7	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 12000	81.0	86.9	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 10000	85.1	91.6	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 9000	85.7	92.3	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 8000	87.4	94.2	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 7000	87.6	94.4	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 6000	87.6	94.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 5000	87.7	94.5	95.5	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 4500	87.8	94.6	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 4000	88.3	95.2	96.1	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 3500	88.6	95.6	96.6	96.7	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 3000	89.4	96.5	97.5	97.8	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2500	90.2	97.5	98.9	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2000	90.2	97.5	99.0	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1800	90.2	97.5	99.0	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1500	90.3	97.6	99.1	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	90.3	97.6	99.1	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	90.3	97.6	99.1	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	90.3	97.6	99.1	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	90.3	97.6	99.1	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	90.3	97.6	99.1	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	90.3	97.6	99.1	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	90.3	97.6	99.1	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	90.3	97.6	99.1	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	90.3	97.6	99.1	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	90.3	97.6	99.1	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.3	97.6	99.1	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	90.3	97.6	99.1	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.9	48.0	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 20000	75.1	78.6	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 18000	75.4	79.1	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 16000	75.4	79.1	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 14000	78.1	81.8	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 12000	81.3	85.7	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 10000	87.1	91.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 9000	87.5	92.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 8000	89.5	94.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 7000	89.8	94.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 6000	90.0	94.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 5000	90.3	95.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 4500	90.4	95.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 4000	90.9	95.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 3500	91.2	96.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 3000	91.7	97.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2500	92.0	97.3	98.6	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2000	92.4	98.0	99.2	99.2	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 1800	92.4	98.0	99.2	99.2	99.2	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8
GE 1500	92.5	98.1	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 1200	92.5	98.1	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 1000	92.5	98.1	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 900	92.5	98.1	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 800	92.5	98.1	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 700	92.5	98.1	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 600	92.5	98.1	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 500	92.5	98.1	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 400	92.5	98.1	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 300	92.5	98.1	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 200	92.5	98.1	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 100	92.5	98.1	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 000	92.5	98.1	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.0	48.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 20000	76.8	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 18000	77.5	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 16000	77.6	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 14000	80.0	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 12000	83.9	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3
GE 10000	89.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0
GE 9000	89.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1
GE 8000	92.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 7000	92.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 6000	92.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 5000	93.1	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7
GE 4500	93.4	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
GE 4000	93.7	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 3500	93.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
GE 3000	94.5	97.6	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
GE 2500	95.3	98.4	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 2000	95.7	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	95.7	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	95.7	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	95.7	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	95.7	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	95.7	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	95.7	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	95.7	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	95.7	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	95.7	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	95.7	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.7	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.7	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.7	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.7	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.2	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 20000	85.9	88.5	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 18000	86.2	88.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 16000	86.3	88.9	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 14000	87.2	89.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 12000	89.7	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 10000	92.7	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 9000	92.8	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 8000	93.8	96.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 7000	93.8	96.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 6000	93.8	96.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 5000	94.7	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 4500	95.1	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 4000	95.2	97.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 3500	95.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 3000	95.5	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2500	95.6	98.4	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 2000	95.7	98.5	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1800	95.7	98.5	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500	95.7	98.5	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200	95.7	98.5	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	95.7	98.5	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
GE 900	95.7	98.5	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
GE 800	95.7	98.5	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
GE 700	95.7	98.5	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
GE 600	95.7	98.5	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
GE 500	95.7	98.5	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
GE 400	95.7	98.5	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
GE 300	95.7	98.5	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
GE 200	95.7	98.5	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	95.7	98.5	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	95.7	98.5	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.0	61.7	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 20000	80.5	84.4	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 18000	80.8	84.8	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 16000	81.0	85.0	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 14000	82.4	86.5	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 12000	85.0	89.4	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3
GE 10000	88.9	93.4	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 9000	89.1	93.7	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 8000	90.8	95.5	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6
GE 7000	90.9	95.7	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 6000	91.0	95.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 5000	91.3	96.1	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 4500	91.5	96.3	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 4000	91.7	96.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
GE 3500	91.9	96.7	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
GE 3000	92.2	97.1	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 2500	92.6	97.6	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 2000	92.8	97.9	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800	92.8	98.0	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 1500	92.9	98.0	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200	92.9	98.0	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 1000	92.9	98.0	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 900	92.9	98.0	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 800	92.9	98.0	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 700	92.9	98.0	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 600	92.9	98.0	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 500	92.9	98.0	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	92.9	98.0	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	92.9	98.0	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	92.9	98.0	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	92.9	98.0	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	92.9	98.0	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	76.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 20000	88.7	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 18000	88.7	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 16000	88.9	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 14000	89.4	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 12000	89.7	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 10000	92.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 9000	92.4	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 8000	94.0	97.1	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 7000	94.1	97.3	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 6000	94.1	97.3	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 5000	94.1	97.7	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 4500	94.1	97.7	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 4000	94.1	97.8	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 3500	94.1	97.8	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 3000	94.1	97.8	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2500	94.5	98.4	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 2000	94.5	98.4	98.8	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 1800	94.5	98.4	98.8	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 1500	94.5	98.4	98.8	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 1200	94.5	98.4	98.8	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 1000	94.5	98.4	98.8	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 900	94.5	98.4	98.8	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 800	94.5	98.4	98.8	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 700	94.5	98.4	98.8	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 600	94.5	98.4	98.8	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 500	94.5	98.4	98.8	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 400	94.5	98.4	98.8	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 300	94.5	98.4	98.8	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	94.5	98.4	98.8	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	94.5	98.4	98.8	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	94.5	98.4	98.8	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	78.2	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 20000	87.0	90.4	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 18000	87.0	90.4	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 16000	87.3	90.8	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 14000	87.6	91.1	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 12000	88.3	92.2	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 10000	90.5	94.6	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 9000	90.5	94.6	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 8000	91.6	95.8	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 7000	91.8	96.0	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 6000	91.8	96.1	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 5000	92.0	96.3	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 4500	92.2	96.6	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 4000	92.3	96.7	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 3500	92.7	97.1	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 3000	92.8	97.2	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2500	93.1	97.7	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	93.2	98.3	98.6	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1800	93.2	98.3	98.6	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500	93.3	98.5	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	93.3	98.5	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	93.3	98.5	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	93.3	98.5	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	93.3	98.5	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	93.3	98.5	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	93.3	98.5	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	93.3	98.5	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	93.3	98.5	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	93.3	98.5	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	93.3	98.5	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.3	98.5	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	93.3	98.5	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.5	69.6	70.0	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 20000	79.2	85.2	85.9	86.1	86.1	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 18000	79.2	85.3	86.0	86.2	86.2	86.2	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 16000	79.5	85.5	86.2	86.5	86.5	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 14000	81.0	87.2	88.0	88.2	88.2	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 12000	82.4	88.7	89.5	89.7	89.7	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 10000	84.9	91.7	92.6	92.8	92.8	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 9000	85.2	91.9	92.8	93.0	93.0	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 8000	87.1	94.1	94.9	95.2	95.2	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 7000	87.4	94.4	95.3	95.5	95.5	95.5	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 6000	87.5	94.7	95.6	95.8	95.8	95.8	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 5000	87.6	94.9	96.0	96.2	96.2	96.2	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 4500	87.7	95.1	96.1	96.3	96.3	96.3	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 4000	88.0	95.3	96.3	96.6	96.6	96.6	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 3500	88.3	95.6	96.8	97.0	97.0	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 3000	88.7	96.0	97.2	97.5	97.5	97.5	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2500	88.8	96.1	97.5	97.8	97.8	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2000	88.9	96.5	98.0	98.5	98.7	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4
GE 1800	88.9	96.5	98.0	98.5	98.8	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
GE 1500	88.9	96.7	98.2	98.7	99.0	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
GE 1200	88.9	96.8	98.3	98.8	99.1	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 1000	88.9	96.8	98.3	98.8	99.1	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 900	88.9	96.8	98.3	98.8	99.1	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 800	88.9	96.8	98.4	98.9	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 700	88.9	96.8	98.4	98.9	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 600	88.9	96.8	98.4	98.9	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 500	88.9	96.8	98.4	98.9	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 400	88.9	96.8	98.4	98.9	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 300	88.9	96.8	98.4	98.9	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 200	88.9	96.8	98.4	98.9	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	88.9	96.8	98.4	98.9	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	88.9	96.8	98.4	98.9	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.6	58.3	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 20000	72.5	80.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 18000	72.7	81.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 16000	72.9	81.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 14000	75.3	83.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 12000	77.3	85.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 10000	81.7	90.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 9000	81.8	91.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 8000	84.0	93.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 7000	84.5	93.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 6000	84.5	93.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 5000	84.7	94.2	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5
GE 4500	84.7	94.2	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5
GE 4000	85.3	94.7	95.8	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1
GE 3500	85.6	95.1	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5
GE 3000	86.0	95.5	96.7	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
GE 2500	86.3	95.8	97.4	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	98.0	98.0	98.0	98.0
GE 2000	86.8	96.6	98.3	98.5	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	99.0	99.0	99.1	99.1
GE 1800	86.8	96.6	98.3	98.5	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	99.0	99.0	99.1	99.1
GE 1500	86.9	96.7	98.4	98.6	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.4	99.4	99.6	99.6
GE 1200	86.9	96.7	98.5	98.7	98.8	98.9	99.1	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.9	99.9
GE 1000	86.9	96.7	98.5	98.7	98.8	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.8	99.8	100.0	100.0
GE 900	86.9	96.7	98.5	98.7	98.8	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.8	99.8	100.0	100.0
GE 800	86.9	96.7	98.5	98.7	98.8	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.8	99.8	100.0	100.0
GE 700	86.9	96.7	98.5	98.7	98.8	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.8	99.8	100.0	100.0
GE 600	86.9	96.7	98.5	98.7	98.8	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.8	99.8	100.0	100.0
GE 500	86.9	96.7	98.5	98.7	98.8	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.8	99.8	100.0	100.0
GE 400	86.9	96.7	98.5	98.7	98.8	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.8	99.8	100.0	100.0
GE 300	86.9	96.7	98.5	98.7	98.8	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.8	99.8	100.0	100.0
GE 200	86.9	96.7	98.5	98.7	98.8	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.8	99.8	100.0	100.0
GE 100	86.9	96.7	98.5	98.7	98.8	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.8	99.8	100.0	100.0
GE 000	86.9	96.7	98.5	98.7	98.8	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.3	50.3	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 20000	72.0	79.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 18000	72.9	80.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 16000	73.1	80.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 14000	75.5	83.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 12000	77.2	85.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 10000	82.3	90.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 9000	82.8	91.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 8000	84.5	93.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 7000	85.5	94.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 6000	85.6	94.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 5000	86.0	94.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 4500	86.0	94.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 4000	86.1	95.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 3500	86.2	95.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 3000	87.0	96.1	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2500	87.2	96.5	98.0	98.5	98.5	98.6	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2000	87.4	96.8	98.3	98.8	98.8	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1800	87.4	96.8	98.4	98.9	98.9	99.1	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	87.6	97.1	98.7	99.2	99.4	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	87.7	97.2	98.8	99.4	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	87.7	97.2	98.8	99.4	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	87.7	97.2	98.8	99.4	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	87.7	97.2	98.8	99.4	99.5	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 700	87.7	97.2	98.8	99.4	99.5	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 600	87.7	97.2	98.8	99.4	99.5	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 500	87.7	97.2	98.8	99.4	99.5	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 400	87.7	97.2	98.8	99.4	99.5	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 300	87.7	97.2	98.8	99.4	99.5	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 200	87.7	97.2	98.8	99.4	99.5	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	87.7	97.2	98.8	99.4	99.5	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	87.7	97.2	98.8	99.4	99.5	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 20000	72.6	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 18000	73.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 16000	73.3	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 14000	76.7	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 12000	79.0	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 10000	83.9	89.4	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 9000	84.3	89.8	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 8000	86.7	92.7	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 7000	87.0	93.2	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 6000	87.2	93.5	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 5000	87.8	94.4	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 4500	88.1	94.6	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 4000	88.3	95.2	95.7	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 3500	89.0	96.0	96.6	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 3000	89.5	96.7	97.4	97.6	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2500	89.7	97.0	97.7	98.0	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2000	90.0	97.3	98.2	98.4	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 1800	90.0	97.3	98.2	98.4	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 1500	90.0	97.4	98.4	98.6	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 1200	90.0	97.4	98.4	98.6	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 1000	90.0	97.4	98.4	98.6	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 900	90.0	97.4	98.4	98.6	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 800	90.0	97.4	98.4	98.6	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 700	90.0	97.4	98.4	98.6	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 600	90.0	97.4	98.4	98.6	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 500	90.0	97.4	98.4	98.6	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 400	90.0	97.4	98.4	98.6	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 300	90.0	97.4	98.4	98.6	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	90.0	97.4	98.4	98.6	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	90.0	97.4	98.4	98.6	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	90.0	97.4	98.4	98.6	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.0	47.5	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 20000	77.7	80.9	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 18000	78.5	81.7	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 16000	78.6	81.8	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 14000	79.5	82.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 12000	81.8	85.5	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 10000	86.9	91.1	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 9000	87.5	91.7	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 8000	90.1	94.6	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 7000	90.9	95.4	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 6000	91.0	95.5	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 5000	91.4	95.9	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 4500	91.5	96.0	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 4000	91.7	96.5	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 3500	91.7	96.5	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 3000	91.8	96.8	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2500	92.2	97.3	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 2000	92.7	98.0	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1800	92.7	98.0	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	92.7	98.0	98.9	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	92.7	98.1	99.0	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	92.7	98.1	99.0	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	92.7	98.1	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	92.7	98.1	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	92.7	98.1	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	92.7	98.1	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	92.7	98.1	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	92.7	98.1	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	92.7	98.1	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.7	98.1	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.7	98.1	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	92.7	98.1	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.3	65.7	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 20000	86.0	88.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 18000	86.2	88.3	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 16000	86.2	88.3	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 14000	86.8	88.8	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 12000	87.7	90.0	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 10000	92.0	94.5	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 9000	92.6	95.1	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 8000	93.9	96.6	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 7000	94.1	96.8	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 6000	94.3	97.0	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 5000	94.5	97.2	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 4500	94.5	97.2	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 4000	94.5	97.3	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 3500	94.5	97.3	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 3000	94.6	97.4	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2500	94.8	97.7	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 2000	94.8	97.8	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1800	94.8	97.8	99.0	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500	94.8	97.8	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	94.8	97.8	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	94.8	97.8	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	94.8	97.8	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	94.8	97.8	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	94.8	97.8	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	94.8	97.8	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	94.8	97.8	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	94.8	97.8	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	94.8	97.8	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.8	97.8	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.8	97.8	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.8	97.8	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.0	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 20000	79.5	84.1	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 18000	79.8	84.6	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 16000	80.0	84.7	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 14000	81.5	86.3	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 12000	82.9	88.0	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 10000	86.8	92.3	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 9000	87.1	92.6	93.2	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 8000	89.0	94.6	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 7000	89.4	95.1	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 6000	89.5	95.3	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 5000	89.8	95.7	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
GE 4500	89.9	95.8	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9
GE 4000	90.0	96.1	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 3500	90.3	96.3	97.2	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 3000	90.6	96.7	97.6	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2500	90.8	97.1	98.1	98.3	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2000	91.0	97.4	98.5	98.9	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1800	91.0	97.4	98.5	98.9	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
GE 1500	91.1	97.6	98.7	99.1	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
GE 1200	91.1	97.6	98.7	99.2	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 1000	91.1	97.6	98.7	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 900	91.1	97.6	98.7	99.2	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 800	91.1	97.6	98.8	99.2	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 700	91.1	97.6	98.8	99.2	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 600	91.1	97.6	98.8	99.2	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 500	91.1	97.6	98.8	99.2	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 400	91.1	97.6	98.8	99.2	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 300	91.1	97.6	98.8	99.2	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 200	91.1	97.6	98.8	99.2	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	91.1	97.6	98.8	99.2	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	91.1	97.6	98.8	99.2	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.2	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 20000	82.3	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 18000	82.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 16000	82.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 14000	83.3	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 12000	86.0	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 10000	90.0	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 9000	90.4	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 8000	91.2	94.3	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 7000	91.7	94.9	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 6000	91.7	94.9	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 5000	92.1	95.3	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 4500	92.2	95.4	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 4000	92.8	96.1	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 3500	92.9	96.2	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 3000	92.9	96.3	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2500	92.9	96.3	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2000	93.6	97.0	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1800	93.8	97.2	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6
GE 1500	94.1	97.8	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 1200	94.1	97.9	98.9	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 1000	94.1	97.9	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 900	94.1	97.9	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 800	94.1	97.9	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 700	94.1	97.9	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 600	94.1	97.9	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 500	94.1	97.9	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	94.1	97.9	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	94.1	97.9	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	94.1	97.9	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	94.1	97.9	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	94.1	97.9	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	69.6	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 20000	82.6	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 18000	82.7	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 16000	82.8	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 14000	83.9	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 12000	85.2	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 10000	88.8	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 9000	90.1	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 8000	91.8	95.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 7000	92.2	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 6000	92.2	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 5000	92.2	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 4500	92.9	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 4000	93.0	96.4	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 3500	93.1	96.6	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 3000	93.4	96.9	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2500	93.6	97.0	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2000	93.7	97.1	98.0	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1800	93.7	97.2	98.2	98.2	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1500	93.9	97.6	98.7	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 1200	93.9	97.9	99.0	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
GE 1000	93.9	98.0	99.2	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 900	93.9	98.0	99.2	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 800	93.9	98.0	99.2	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 700	93.9	98.0	99.2	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	GE
600	93.9	98.0	99.2	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	
GE 500	93.9	98.0	99.2	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 400	93.9	98.0	99.2	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 300	93.9	98.0	99.3	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 200	93.9	98.0	99.3	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	93.9	98.0	99.3	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	93.9	98.0	99.3	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.0	62.4	63.4	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 20000	73.9	79.9	81.0	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 18000	74.4	80.4	81.6	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 16000	74.8	80.8	81.9	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 14000	77.1	83.1	84.2	84.4	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 12000	80.6	86.8	87.9	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 10000	84.9	91.2	92.4	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 9000	85.8	92.1	93.3	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 8000	88.0	94.6	95.8	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 7000	88.3	95.0	96.2	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 6000	88.8	95.4	96.7	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 5000	89.1	95.9	97.3	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 4500	89.2	96.0	97.4	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 4000	89.2	96.1	97.6	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 3500	89.2	96.1	97.6	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 3000	89.2	96.4	97.9	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 2500	89.3	96.7	98.1	98.4	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2000	89.6	96.9	98.3	98.7	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1800	89.7	97.0	98.4	98.8	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1500	89.7	97.0	98.4	98.8	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1200	89.8	97.1	98.6	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	89.8	97.2	98.7	99.0	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE 900	89.8	97.2	98.7	99.0	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE 800	89.8	97.3	99.0	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 700	89.8	97.3	99.0	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 600	89.8	97.3	99.0	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 500	89.8	97.3	99.0	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 400	89.8	97.3	99.0	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 300	89.8	97.3	99.0	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	89.8	97.3	99.0	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	89.8	97.3	99.0	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	89.8	97.3	99.0	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.9	55.9	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 20000	73.0	77.1	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 18000	73.3	77.4	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 16000	73.4	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 14000	76.8	81.2	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 12000	81.0	86.1	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 10000	84.9	90.2	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 9000	85.7	91.2	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 8000	88.2	93.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 7000	88.6	94.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 6000	88.7	94.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 5000	89.1	94.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 4500	89.1	94.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 4000	89.3	95.2	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 3500	89.3	95.2	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 3000	90.0	95.9	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2500	90.2	96.2	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 2000	90.7	97.0	98.8	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1800	90.7	97.0	98.8	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1500	90.7	97.1	99.0	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	90.7	97.2	99.1	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	90.7	97.2	99.1	99.2	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	90.7	97.2	99.1	99.2	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	90.7	97.2	99.1	99.2	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	90.7	97.2	99.1	99.2	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	90.7	97.2	99.1	99.2	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	90.7	97.2	99.1	99.2	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	90.7	97.2	99.1	99.2	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	90.7	97.2	99.1	99.2	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	90.7	97.2	99.1	99.2	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.7	97.2	99.1	99.2	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	90.7	97.2	99.1	99.2	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.3	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 20000	71.2	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 18000	72.4	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 16000	72.7	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 14000	75.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 12000	79.2	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 10000	82.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 9000	83.9	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 8000	87.0	92.9	93.4	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 7000	87.7	93.7	94.2	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 6000	87.8	93.8	94.3	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 5000	88.3	94.7	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 4500	88.3	94.7	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 4000	88.3	94.8	95.4	95.8	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 3500	88.8	95.2	95.9	96.2	96.4	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 3000	89.1	95.7	96.3	96.7	96.9	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2500	89.6	96.4	97.1	97.6	97.9	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2000	89.9	96.9	97.8	98.3	98.7	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1800	90.0	97.1	98.0	98.6	98.9	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1500	90.0	97.2	98.1	98.7	99.0	99.1	99.2	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	90.0	97.3	98.2	98.8	99.1	99.2	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	90.1	97.4	98.3	98.9	99.2	99.3	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	90.1	97.4	98.4	99.0	99.3	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	90.1	97.4	98.4	99.0	99.3	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	90.1	97.4	98.4	99.0	99.3	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	90.1	97.4	98.4	99.0	99.3	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	90.1	97.4	98.4	99.0	99.3	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	90.1	97.4	98.4	99.0	99.3	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	90.1	97.4	98.4	99.0	99.3	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	90.1	97.4	98.4	99.0	99.3	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.1	97.4	98.4	99.0	99.3	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	90.1	97.4	98.4	99.0	99.3	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.1	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 20000	70.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 18000	72.1	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 16000	72.1	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 14000	74.8	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 12000	79.8	81.8	81.8	81.8	81.8	81.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 10000	84.7	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 9000	86.4	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 8000	90.2	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 7000	90.6	93.4	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 6000	90.9	93.9	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 5000	91.4	94.7	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 4500	91.6	94.8	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 4000	92.1	95.4	96.1	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 3500	92.3	95.7	96.3	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 3000	92.6	96.1	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 2500	92.9	96.6	97.2	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2000	93.0	96.8	97.8	98.1	98.6	98.6	98.9	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 1800	93.0	96.8	97.8	98.1	98.6	98.6	98.9	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 1500	93.1	96.9	97.9	98.4	98.9	98.9	99.2	99.2	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.7
GE 1200	93.1	96.9	97.9	98.4	98.9	98.9	99.2	99.2	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.7
GE 1000	93.1	96.9	97.9	98.6	99.0	99.0	99.3	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8
GE 900	93.1	96.9	97.9	98.6	99.0	99.0	99.3	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8
GE 800	93.1	96.9	97.9	98.6	99.0	99.0	99.3	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8
GE 700	93.1	96.9	97.9	98.6	99.0	99.0	99.3	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8
GE 600	93.1	96.9	97.9	98.6	99.0	99.0	99.3	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8
GE 500	93.1	96.9	97.9	98.6	99.0	99.0	99.3	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.9	100.0
GE 400	93.1	96.9	97.9	98.6	99.0	99.0	99.3	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.9	100.0
GE 300	93.1	96.9	97.9	98.6	99.0	99.0	99.3	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.9	100.0
GE 200	93.1	96.9	97.9	98.6	99.0	99.0	99.3	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.9	100.0
GE 100	93.1	96.9	97.9	98.6	99.0	99.0	99.3	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.9	100.0
GE 000	93.1	96.9	97.9	98.6	99.0	99.0	99.3	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.7	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 20000	71.6	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 18000	73.2	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 16000	73.8	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 14000	75.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 12000	80.8	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 10000	86.3	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 9000	87.7	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 8000	91.3	94.6	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 7000	91.6	94.8	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 6000	91.7	94.9	95.2	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 5000	92.2	95.4	95.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 4500	92.3	95.6	95.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 4000	92.3	95.8	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 3500	92.4	95.9	96.2	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 3000	92.7	96.2	96.7	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 2500	93.1	96.8	97.4	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 2000	93.6	97.6	98.6	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 1800	93.7	97.7	98.7	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 1500	93.7	97.7	98.7	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200	93.7	97.7	98.7	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	93.7	97.7	98.7	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	93.7	97.7	98.7	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 800	93.7	97.7	98.7	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 700	93.7	97.7	98.7	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 600	93.7	97.7	98.7	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 500	93.7	97.7	98.7	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 400	93.7	97.7	98.7	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 300	93.7	97.7	98.7	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	93.7	97.7	98.7	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	93.7	97.7	98.7	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	93.7	97.7	98.7	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.4	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 20000	81.0	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 18000	81.2	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 16000	81.3	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 14000	81.9	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 12000	85.8	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 10000	90.2	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 9000	90.7	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 8000	93.1	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 7000	93.3	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 6000	94.1	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 5000	94.1	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 4500	94.4	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 4000	94.8	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 3500	94.8	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 3000	94.8	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2500	95.2	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2000	95.9	98.6	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1800	95.9	98.6	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500	96.0	98.8	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200	96.0	98.8	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	96.0	98.8	99.4	99.4	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	96.0	98.8	99.4	99.4	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	96.0	98.8	99.4	99.4	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	96.0	98.8	99.4	99.4	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	96.0	98.8	99.4	99.4	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	96.0	98.8	99.4	99.4	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	96.0	98.8	99.4	99.4	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.0	98.8	99.4	99.4	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.0	98.8	99.4	99.4	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.0	98.8	99.4	99.4	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.0	98.8	99.4	99.4	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.0	57.1	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 20000	75.8	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 18000	76.5	79.5	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 16000	76.7	79.7	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 14000	78.7	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 12000	82.3	85.8	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 10000	86.5	90.3	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 9000	87.6	91.4	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 8000	90.1	94.2	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 7000	90.5	94.6	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 6000	90.7	94.9	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 5000	91.1	95.3	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 4500	91.3	95.5	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 4000	91.5	95.9	96.6	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 3500	91.6	96.0	96.8	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 3000	91.8	96.3	97.1	97.4	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2500	92.1	96.7	97.6	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2000	92.5	97.2	98.3	98.5	98.8	98.8	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 1800	92.5	97.3	98.4	98.7	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1500	92.6	97.5	98.6	98.9	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 1200	92.7	97.6	98.7	99.1	99.3	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	92.7	97.6	98.8	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 900	92.7	97.6	98.8	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 800	92.7	97.7	98.8	99.2	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 700	92.7	97.7	98.8	99.2	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 600	92.7	97.7	98.8	99.2	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 500	92.7	97.7	98.8	99.2	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 400	92.7	97.7	98.8	99.2	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 300	92.7	97.7	98.8	99.2	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	92.7	97.7	98.8	99.2	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	92.7	97.7	98.8	99.2	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	92.7	97.7	98.8	99.2	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	69.8	72.0	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 20000	79.6	81.8	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 18000	79.6	81.8	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 16000	79.6	81.8	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 14000	80.0	82.3	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 12000	82.5	84.8	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 10000	85.2	87.7	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 9000	85.5	88.1	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 8000	89.7	92.6	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 7000	90.4	93.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 6000	91.1	94.0	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 5000	91.8	94.7	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 4500	92.5	95.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 4000	92.9	96.1	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 3500	93.1	96.3	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 3000	93.7	96.9	98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 2500	94.0	97.3	98.4	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2000	94.0	97.3	98.5	98.8	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1800	94.0	97.3	98.5	98.8	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1500	94.0	97.3	98.5	98.8	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	94.0	97.4	98.6	98.9	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	94.2	97.6	98.8	99.1	99.2	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	94.2	97.6	98.8	99.1	99.2	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	94.3	97.7	98.9	99.2	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	94.3	97.7	98.9	99.2	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	94.3	97.7	98.9	99.2	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	94.4	97.8	99.0	99.4	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	94.4	97.8	99.0	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	94.4	97.8	99.0	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.4	97.8	99.0	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.4	97.8	99.0	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.4	97.8	99.0	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	70.6	73.9	75.5	75.9	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 20000	79.8	83.4	85.1	85.5	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 18000	79.8	83.4	85.1	85.5	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 16000	79.8	83.4	85.1	85.5	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 14000	80.0	83.7	85.3	85.7	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 12000	81.6	85.3	86.9	87.3	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 10000	83.0	86.9	88.5	88.9	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 9000	83.4	87.3	88.9	89.4	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 8000	85.9	90.0	91.7	92.5	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 7000	86.8	90.9	92.6	93.3	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 6000	87.5	91.6	93.3	94.1	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 5000	88.1	92.2	93.9	94.6	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 4500	88.5	92.6	94.3	95.1	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 4000	89.2	93.3	95.1	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 3500	89.4	93.4	95.2	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 3000	89.7	93.8	95.5	96.5	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2500	89.8	94.1	95.9	97.0	97.1	97.1	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2000	90.1	94.4	96.3	97.5	97.7	97.7	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1800	90.1	94.4	96.3	97.5	97.7	97.7	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1500	90.2	94.6	96.6	97.7	98.0	98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	90.2	94.6	96.6	97.7	98.0	98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	90.6	95.1	97.0	98.2	98.4	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	90.6	95.1	97.0	98.2	98.4	98.4	98.8	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	90.6	95.1	97.0	98.2	98.4	98.4	98.8	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	90.6	95.1	97.0	98.2	98.4	98.4	98.8	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	90.6	95.1	97.0	98.3	98.5	98.5	98.9	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	90.6	95.1	97.0	98.3	98.5	98.5	98.9	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	90.6	95.2	97.1	98.4	98.6	98.6	99.0	99.0	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	90.6	95.2	97.1	98.4	98.7	98.7	99.1	99.1	99.1	99.2	99.5	99.5	99.6	99.6	99.7	99.7
GE 200	90.6	95.2	97.1	98.5	98.8	98.8	99.2	99.2	99.2	99.5	99.7	99.7	99.9	99.9	100.0	100.0
GE 100	90.6	95.2	97.1	98.5	98.8	98.8	99.2	99.2	99.2	99.5	99.7	99.7	99.9	99.9	100.0	100.0
GE 000	90.6	95.2	97.1	98.5	98.8	98.8	99.2	99.2	99.2	99.5	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.3	68.2	70.9	71.7	71.9	71.9	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 20000	66.5	78.3	81.0	81.8	82.0	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 18000	67.0	78.8	81.6	82.5	82.7	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 16000	67.4	78.8	81.6	82.5	82.7	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 14000	67.4	79.2	82.0	82.9	83.1	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 12000	69.0	80.9	83.7	84.5	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 10000	71.4	83.5	86.3	87.3	87.6	87.6	87.7	87.8	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1
GE 9000	71.8	84.0	86.8	87.7	88.1	88.1	88.2	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5
GE 8000	75.3	88.0	90.9	91.9	92.3	92.3	92.4	92.5	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7
GE 7000	76.6	89.2	92.3	93.3	93.7	93.7	93.8	93.9	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1
GE 6000	77.0	89.7	93.0	94.1	94.4	94.4	94.5	94.6	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8
GE 5000	77.2	90.0	93.5	94.6	94.9	94.9	95.1	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4
GE 4500	77.6	90.4	94.0	95.2	95.5	95.5	95.6	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9
GE 4000	78.5	91.3	95.1	96.5	96.8	96.8	96.9	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2
GE 3500	78.7	91.5	95.4	96.8	97.1	97.1	97.2	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5
GE 3000	79.1	92.0	95.9	97.3	97.6	97.6	97.7	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 2500	79.2	92.3	96.1	97.5	98.0	98.0	98.1	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 2000	79.5	92.6	96.5	97.8	98.4	98.4	98.5	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 1800	79.5	92.7	96.6	98.0	98.5	98.5	98.6	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500	79.6	92.8	96.7	98.1	98.6	98.6	98.7	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	79.7	92.9	96.8	98.2	98.7	98.7	98.8	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	79.8	93.0	96.9	98.3	98.8	98.8	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	79.8	93.0	96.9	98.3	98.8	98.8	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	79.8	93.0	96.9	98.3	98.8	98.8	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	79.8	93.0	96.9	98.3	98.8	98.8	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	79.8	93.0	96.9	98.3	98.8	98.8	98.9	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	79.8	93.0	96.9	98.3	98.8	98.8	98.9	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	79.8	93.0	96.9	98.3	98.8	98.8	98.9	99.1	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.7
GE 300	79.8	93.0	96.9	98.3	98.9	98.9	99.0	99.2	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.9
GE 200	79.8	93.0	96.9	98.3	98.9	98.9	99.0	99.2	99.2	99.6	99.8	99.8	99.9	99.9	99.9	100.0
GE 100	79.8	93.0	96.9	98.3	98.9	98.9	99.0	99.2	99.2	99.6	99.8	99.8	99.9	99.9	99.9	100.0
GE 000	79.8	93.0	96.9	98.3	98.9	98.9	99.0	99.2	99.2	99.6	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.6	66.7	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 20000	70.0	78.9	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 18000	70.3	79.2	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 16000	70.4	79.4	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 14000	71.2	80.1	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 12000	73.0	82.0	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 10000	75.9	85.9	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 9000	76.5	86.6	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 8000	80.1	91.1	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 7000	80.9	92.2	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 6000	81.3	92.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 5000	81.6	93.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 4500	82.2	93.9	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 4000	83.0	94.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 3500	83.5	95.0	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 3000	84.4	96.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2500	84.5	97.0	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 2000	84.9	97.4	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1800	84.9	97.4	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	85.1	97.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1200	85.1	97.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	85.2	97.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 900	85.2	97.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 800	85.3	97.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 700	85.3	97.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 600	85.3	97.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 500	85.3	97.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 400	85.3	97.8	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	85.3	97.8	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	85.3	97.8	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	85.3	97.8	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	85.3	97.8	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
LSAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/	GE 0
NO CEIL	62.3	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 20000	74.5	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 18000	75.1	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 16000	75.1	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	9.1	79.1	79.1	79.1
GE 14000	75.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 12000	77.5	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 10000	82.4	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 9000	82.9	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 8000	86.5	91.5	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 7000	87.1	92.4	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 6000	87.3	92.6	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 5000	88.3	93.7	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 4500	88.6	94.0	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 4000	89.9	95.3	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 3500	90.0	95.4	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 3000	90.3	96.0	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 2500	91.0	96.9	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2000	91.5	97.5	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1800	91.6	97.6	98.4	98.7	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	91.7	98.2	98.9	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	91.7	98.2	98.9	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	91.8	98.4	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	91.8	98.4	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	91.8	98.4	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	91.8	98.4	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	91.8	98.4	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	91.8	98.4	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	91.8	98.4	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	91.8	98.4	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	91.8	98.4	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.8	98.4	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	91.8	98.4	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 20000	77.2	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 18000	77.8	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 16000	78.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 14000	78.6	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 12000	80.5	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 10000	83.4	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 9000	84.1	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 8000	89.0	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 7000	89.7	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 6000	89.7	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 5000	90.2	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 4500	90.6	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 4000	91.7	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 3500	91.9	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 3000	92.9	97.0	97.1	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2500	93.7	98.0	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	93.7	98.1	98.4	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1800	93.8	98.2	98.5	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	93.8	98.2	98.5	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	93.8	98.2	98.5	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	93.9	98.3	98.6	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	93.9	98.3	98.6	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	93.9	98.3	98.6	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	93.9	98.3	98.6	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	93.9	98.3	98.6	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	93.9	98.3	98.6	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	93.9	98.3	98.6	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	93.9	98.3	98.6	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	93.9	98.3	98.6	99.4	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.9	98.3	98.6	99.4	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	93.9	98.3	98.6	99.4	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: AN 79 - DEC 88  
MONTH: OCT HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.9	6.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 20000	80.6	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 18000	81.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 16000	81.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 14000	81.7	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 12000	83.0	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 10000	86.2	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 9000	87.4	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 8000	91.2	93.9	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 7000	91.9	94.8	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 6000	92.0	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 5000	92.7	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 4500	92.7	95.9	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 4000	92.9	96.2	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 3500	93.4	96.8	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 3000	94.1	97.4	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2500	94.2	97.7	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 2000	94.8	98.4	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1800	94.9	98.5	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	95.1	98.6	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	95.1	98.6	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 1000	95.1	98.6	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 900	95.1	98.6	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 800	95.1	98.6	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 700	95.1	98.6	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 600	95.1	98.6	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 500	95.1	98.6	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 400	95.1	98.6	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 300	95.1	98.6	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 200	95.1	98.6	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	95.1	98.6	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	95.1	98.6	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	68.7	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 20000	79.6	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 18000	79.8	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 16000	79.8	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 14000	80.3	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 12000	82.4	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 10000	85.8	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 9000	86.5	89.1	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 8000	89.7	92.9	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 7000	90.5	93.9	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 6000	90.9	94.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 5000	91.7	95.4	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 4500	92.0	95.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 4000	92.7	96.6	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 3500	92.8	96.7	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 3000	93.2	97.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2500	93.4	97.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	93.8	98.0	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1800	93.9	98.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500	93.9	98.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	93.9	98.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	93.9	98.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	93.9	98.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 800	93.9	98.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 700	93.9	98.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 600	93.9	98.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 500	94.1	98.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	94.1	98.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	94.1	98.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	94.1	98.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	94.1	98.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	94.1	98.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.2	68.3	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 20000	76.0	80.6	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 18000	76.3	80.9	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 16000	76.4	81.0	81.8	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 14000	76.9	81.6	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 12000	78.7	83.5	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 10000	81.7	86.9	87.7	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 9000	82.3	87.5	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 8000	85.9	91.5	92.5	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 7000	86.7	92.5	93.5	93.8	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 6000	87.1	92.9	94.0	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 5000	87.7	93.6	94.7	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 4500	88.1	94.1	95.2	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 4000	88.9	94.9	96.1	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 3500	89.1	95.2	96.4	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 3000	89.7	95.9	97.1	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2500	90.0	96.3	97.6	98.1	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 2000	90.3	96.7	98.1	98.7	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1800	90.3	96.8	98.2	98.7	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	90.4	96.9	98.3	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1200	90.4	96.9	98.4	98.9	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	90.6	97.1	98.5	99.1	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	90.6	97.1	98.5	99.1	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 800	90.6	97.1	98.6	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 700	90.6	97.1	98.6	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 600	90.6	97.1	98.6	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	90.6	97.2	98.6	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 400	90.6	97.2	98.6	99.3	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 300	90.6	97.2	98.6	99.3	99.5	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	90.6	97.2	98.6	99.3	99.5	99.5	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	90.6	97.2	98.6	99.3	99.5	99.5	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	90.6	97.2	98.6	99.3	99.5	99.5	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	68.2	70.2	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 20000	71.8	74.3	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 18000	72.1	74.7	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 16000	72.1	74.7	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 14000	72.9	75.4	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 12000	74.4	77.0	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 10000	76.4	79.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 9000	77.3	80.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 8000	81.8	85.2	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 7000	82.9	86.3	87.6	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 6000	83.2	86.8	88.0	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 5000	84.8	88.6	89.9	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 4500	86.4	90.3	91.8	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 4000	87.2	91.2	92.8	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 3500	88.1	92.2	93.9	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 3000	89.0	93.3	95.0	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2500	89.4	93.8	95.4	96.0	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 2000	90.1	94.8	96.6	97.1	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800	90.1	94.8	96.6	97.1	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1500	90.3	95.1	97.0	97.7	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	90.3	95.1	97.1	97.8	98.2	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	90.8	95.6	97.6	98.3	98.8	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	90.9	95.7	97.7	98.4	98.9	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	91.0	95.8	97.8	98.6	99.0	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	91.1	95.9	97.9	98.7	99.1	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	91.1	95.9	98.0	98.8	99.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	91.1	95.9	98.0	98.8	99.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	91.1	95.9	98.0	98.8	99.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	91.1	95.9	98.0	98.8	99.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	91.1	95.9	98.0	98.8	99.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.1	95.9	98.0	98.8	99.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	91.1	95.9	98.0	98.8	99.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.6	71.1	72.2	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9
GE 20000	69.4	73.4	74.6	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
GE 18000	69.4	73.4	74.6	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
GE 16000	69.4	73.4	74.6	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
GE 14000	69.9	73.9	75.0	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8
GE 12000	71.4	75.4	76.8	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.6
GE 10000	72.8	76.9	78.2	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0
GE 9000	73.3	77.4	78.9	79.3	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7
GE 8000	77.0	81.8	83.7	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.6
GE 7000	78.1	83.2	85.2	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1
GE 6000	79.0	84.1	86.2	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1
GE 5000	80.7	86.0	88.2	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2
GE 4500	81.8	87.2	89.6	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.6
GE 4000	82.6	88.1	90.6	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.6
GE 3500	83.7	89.3	91.8	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8
GE 3000	84.7	90.6	93.2	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.4
GE 2500	85.2	91.2	94.3	95.1	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.9
GE 2000	85.9	92.0	95.1	96.0	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.2
GE 1800	86.0	92.1	95.2	96.1	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.3
GE 1500	86.2	92.4	95.7	96.6	97.2	97.3	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.9
GE 1200	86.3	92.6	95.8	96.8	97.4	97.6	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.2
GE 1000	86.7	92.9	96.2	97.2	97.9	98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.6	98.6	98.7
GE 900	86.8	93.0	96.3	97.3	98.0	98.1	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.7	98.7	98.8
GE 800	86.9	93.2	96.7	97.7	98.3	98.4	98.8	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.1
GE 700	87.1	93.4	96.9	97.9	98.6	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.3
GE 600	87.1	93.4	96.9	97.9	98.6	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.3
GE 500	87.1	93.4	96.9	97.9	98.6	98.7	99.0	99.1	99.1	99.3	99.3	99.3	99.6	99.6	99.6	99.8
GE 400	87.1	93.4	96.9	98.0	98.7	98.8	99.1	99.2	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.9
GE 300	87.1	93.4	96.9	98.0	98.7	98.8	99.1	99.2	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.9
GE 200	87.1	93.4	96.9	98.0	98.7	98.8	99.1	99.2	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.9
GE 100	87.1	93.4	96.9	98.0	98.7	98.8	99.1	99.2	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.9
GE 000	87.1	93.4	96.9	98.0	98.7	98.8	99.1	99.2	99.2	99.4	99.4	99.4	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST to UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.6	65.3	66.7	67.7	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.8
GE 20000	64.8	71.9	73.4	74.6	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.8
GE 18000	64.8	71.9	73.4	74.6	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.8
GE 16000	64.9	72.0	73.6	74.7	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.9
GE 14000	65.4	72.8	74.3	75.4	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.6	76.7
GE 12000	66.8	74.2	75.8	76.9	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.1
GE 10000	68.9	76.6	78.2	79.3	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.6
GE 9000	69.8	77.4	79.1	80.2	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.4
GE 8000	73.8	82.1	84.0	85.3	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.6
GE 7000	74.4	83.2	85.2	86.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.9
GE 6000	74.6	83.3	85.3	86.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.9	88.0
GE 5000	75.2	84.4	86.4	87.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.1
GE 4500	76.1	85.3	87.3	88.8	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.2
GE 4000	77.4	86.7	88.8	90.3	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.8
GE 3500	78.0	87.8	89.9	91.4	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.9
GE 3000	79.1	88.9	91.1	92.8	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.3
GE 2500	79.6	89.4	91.8	93.4	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	95.0
GE 2000	80.1	90.4	93.0	94.9	95.9	96.0	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.3	96.6
GE 1800	80.1	90.6	93.1	95.0	96.0	96.1	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.4	96.7
GE 1500	80.3	90.9	93.4	95.4	96.7	96.8	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.1	97.3
GE 1200	80.3	90.9	93.7	95.7	96.9	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.3	97.6
GE 1000	80.7	91.2	94.0	96.0	97.2	97.3	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.7	97.9
GE 900	80.7	91.3	94.1	96.1	97.3	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.9	98.1
GE 800	81.1	91.8	94.6	96.6	97.8	98.0	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.4	98.7
GE 700	81.1	91.8	94.6	96.6	97.8	98.0	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.4	98.8
GE 600	81.1	91.8	94.6	96.6	97.8	98.0	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.8	99.1
GE 500	81.1	91.8	94.6	96.6	97.8	98.0	98.3	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.9	99.2
GE 400	81.1	91.8	94.9	96.9	98.1	98.4	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.4	99.8
GE 300	81.1	91.8	94.9	96.9	98.1	98.4	98.8	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.6	100.0
GE 200	81.1	91.8	94.9	96.9	98.1	98.4	98.8	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.6	100.0
GE 100	81.1	91.8	94.9	96.9	98.1	98.4	98.8	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.6	100.0
GE 000	81.1	91.8	94.9	96.9	98.1	98.4	98.8	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.4	63.7	65.0	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 20000	70.1	74.9	76.3	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 18000	70.3	75.1	76.6	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 16000	70.6	75.3	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 14000	71.4	76.3	77.8	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 12000	72.2	77.1	78.6	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 10000	74.7	80.3	81.8	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 9000	76.2	81.9	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 8000	79.8	85.4	87.0	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 7000	81.3	87.3	88.9	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 6000	81.3	87.3	88.9	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 5000	82.7	88.8	90.3	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 4500	83.7	90.0	91.7	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 4000	84.7	91.2	93.0	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 3500	85.4	92.1	93.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 3000	86.0	92.8	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2500	86.8	93.6	95.4	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2000	87.3	94.3	96.2	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1800	87.4	94.4	96.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1500	87.8	94.9	96.8	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1200	87.9	95.3	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	88.0	95.6	97.8	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	88.1	95.7	98.0	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	88.4	96.0	98.3	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	88.4	96.0	98.3	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	88.6	96.1	98.4	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	88.6	96.1	98.4	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	88.6	96.1	98.4	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	88.6	96.1	98.4	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	88.6	96.1	98.4	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	88.6	96.1	98.4	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	88.6	96.1	98.4	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.1	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 20000	72.3	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 18000	72.9	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 16000	73.1	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 14000	74.2	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 12000	75.7	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 10000	78.2	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 9000	79.1	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 8000	83.0	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 7000	84.1	87.1	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 6000	84.6	87.7	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 5000	86.7	89.8	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 4500	87.3	90.4	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 4000	88.2	91.4	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 3500	88.9	92.1	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 3000	90.8	94.0	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 2500	91.8	95.3	96.2	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2000	92.4	96.4	97.4	97.8	97.8	97.9	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1800	92.9	97.2	98.2	98.6	98.6	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500	93.3	97.7	98.7	99.1	99.1	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	93.4	98.1	99.1	99.6	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	93.4	98.1	99.1	99.6	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	93.4	98.1	99.1	99.6	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	93.4	98.1	99.1	99.6	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	93.4	98.1	99.1	99.6	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	93.4	98.1	99.1	99.6	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	93.4	98.1	99.1	99.6	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	93.4	98.1	99.1	99.6	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	93.4	98.1	99.1	99.6	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	93.4	98.1	99.1	99.6	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.4	98.1	99.1	99.6	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	93.4	98.1	99.1	99.6	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 20000	75.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 18000	76.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 16000	76.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 14000	77.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 12000	79.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 10000	80.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 9000	82.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 8000	85.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 7000	87.2	88.3	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 6000	88.2	89.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 5000	89.7	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 4500	90.3	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 4000	92.1	93.7	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 3500	92.4	94.6	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 3000	93.3	95.7	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2500	93.8	96.3	96.6	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 2000	94.2	97.2	97.6	98.0	98.0	98.2	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1800	94.2	97.2	97.6	98.0	98.1	98.3	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1500	94.6	97.6	97.9	98.4	98.7	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	94.7	97.7	98.0	98.6	98.8	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	95.0	98.0	98.4	99.0	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	95.0	98.0	98.4	99.0	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	95.0	98.0	98.4	99.0	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	95.0	98.0	98.4	99.0	99.3	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	95.0	98.0	98.4	99.0	99.3	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	95.0	98.0	98.4	99.0	99.3	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	95.0	98.0	98.4	99.0	99.3	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.0	98.0	98.4	99.0	99.3	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.0	98.0	98.4	99.0	99.3	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.0	98.0	98.4	99.0	99.3	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.0	98.0	98.4	99.0	99.3	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	65.2	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 20000	74.8	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 18000	74.9	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 16000	74.9	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 14000	76.7	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 12000	78.1	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 10000	80.0	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 9000	81.0	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 8000	83.4	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 7000	85.0	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 6000	85.9	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 5000	86.9	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 4500	88.9	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 4000	92.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 3500	92.3	94.6	94.7	94.8	94.8	94.8	4.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 3000	92.8	95.2	95.6	95.8	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2500	93.3	96.1	96.6	96.9	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2000	93.9	96.9	97.4	97.8	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1800	94.2	97.2	97.8	98.1	98.2	98.2	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	94.3	97.3	97.9	98.2	98.3	98.3	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	94.3	97.7	98.2	98.6	98.7	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	94.3	97.8	98.3	98.7	98.8	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	94.3	97.8	98.3	98.7	98.8	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	94.3	97.9	98.6	99.0	99.1	99.1	99.4	99.6	99.6	99.7	99.7	99.7	9.7	99.7	99.7	99.7
GE 700	94.3	97.9	98.6	99.0	99.1	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	94.3	98.0	98.7	99.3	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	94.3	98.0	98.7	99.3	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	94.3	98.0	98.7	99.3	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	94.3	98.0	98.7	99.3	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.3	98.0	98.7	99.3	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.3	98.0	98.7	99.3	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.3	98.0	98.7	99.3	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	69.7	70.3	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 20000	75.6	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 18000	75.6	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 16000	75.6	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 14000	76.4	77.4	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 12000	77.2	78.3	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 10000	79.8	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 9000	80.6	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 8000	84.2	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 7000	85.7	87.2	87.4	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 6000	86.2	88.0	88.2	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 5000	87.3	89.3	89.6	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 4500	89.0	91.0	91.2	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 4000	91.4	93.6	94.0	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 3500	92.1	94.2	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 3000	93.3	95.6	96.1	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2500	93.4	95.9	96.4	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 2000	93.8	96.2	96.9	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1800	94.1	96.6	97.2	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1500	94.2	96.7	97.3	97.9	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1200	94.3	96.9	97.6	98.2	98.6	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	94.6	97.1	97.8	98.4	98.8	98.8	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	94.7	97.2	97.9	98.6	98.9	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	94.9	97.6	98.2	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	94.9	97.6	98.2	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	94.9	97.6	98.3	99.0	99.3	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	95.0	97.9	98.7	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	95.0	97.9	98.7	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.0	97.9	98.7	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.0	97.9	98.7	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.0	97.9	98.7	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.0	97.9	98.7	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: ALL

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.0	66.7	67.3	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 20000	71.8	74.9	75.5	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 18000	72.0	75.1	75.8	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3
GE 16000	72.1	75.2	75.8	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 14000	73.1	76.1	76.8	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 12000	74.4	77.5	78.2	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7
GE 10000	76.5	79.8	80.6	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1
GE 9000	77.4	80.8	81.5	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 8000	81.1	84.8	85.7	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 7000	82.3	86.2	87.1	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 6000	82.9	86.8	87.8	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.5
GE 5000	84.2	88.3	89.3	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1
GE 4500	85.4	89.6	90.7	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 4000	87.0	91.3	92.4	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 3500	87.6	92.1	93.3	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 3000	88.6	93.3	94.5	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5
GE 2500	89.2	94.0	95.3	96.0	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5
GE 2000	89.7	94.8	96.3	97.0	97.3	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1800	89.9	95.0	96.5	97.2	97.5	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9
GE 1500	90.1	95.3	96.8	97.6	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4
GE 1200	90.2	95.5	97.1	97.9	98.3	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8
GE 1000	90.4	95.8	97.4	98.2	98.6	98.7	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	90.5	95.8	97.5	98.3	98.7	98.8	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	90.6	96.0	97.7	98.6	99.0	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5
GE 700	90.7	96.1	97.8	98.6	99.0	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6
GE 600	90.7	96.1	97.8	98.7	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE 500	90.7	96.2	97.8	98.7	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8
GE 400	90.7	96.2	97.9	98.8	99.2	99.3	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
GE 300	90.7	96.2	97.9	98.8	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0
GE 200	90.7	96.2	97.9	98.8	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 100	90.7	96.2	97.9	98.8	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 000	90.7	96.2	97.9	98.8	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.2	68.4	69.1	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.9	69.9	69.9
GE 20000	71.0	72.2	72.9	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	74.0	74.0	74.0	74.0
GE 18000	71.1	72.3	73.0	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1	74.1	74.1
GE 16000	71.1	72.3	73.0	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1	74.1	74.1
GE 14000	71.2	72.4	73.1	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.2	74.2	74.2	74.2
GE 12000	72.8	74.1	74.8	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.9	75.9	75.9	75.9
GE 10000	74.8	76.2	77.2	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.4	78.4	78.4	78.4
GE 9000	75.3	76.9	77.8	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	79.0	79.0	79.0	79.0
GE 8000	77.5	79.1	80.1	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.3	81.3	81.3	81.3
GE 7000	79.1	80.8	81.7	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.9	82.9	82.9	82.9
GE 6000	80.0	81.6	82.6	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.8	83.8	83.8	83.8
GE 5000	83.1	84.7	85.7	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.9	86.9	86.9	86.9
GE 4500	85.1	86.7	87.6	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.8	88.8	88.8	88.8
GE 4000	87.7	89.6	90.5	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.7	91.7	91.7	91.7
GE 3500	88.9	90.9	91.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.2	93.2	93.2	93.2
GE 3000	90.3	92.4	93.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.8	94.8	94.8	94.8
GE 2500	90.9	93.0	94.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8
GE 2000	91.5	94.1	95.5	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2	97.2	97.2
GE 1800	91.5	94.1	95.5	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2	97.2	97.2
GE 1500	91.5	94.1	95.5	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2	97.2	97.2
GE 1200	91.5	94.1	95.5	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2	97.2	97.2
GE 1000	91.5	94.1	95.5	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2	97.2	97.2
GE 900	91.6	94.2	95.6	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.3	97.3	97.3	97.3
GE 800	91.6	94.3	95.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.4	97.4	97.4	97.4
GE 700	91.7	94.4	96.1	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	98.0	98.0	98.0	98.0
GE 600	91.8	94.5	96.3	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4
GE 500	91.8	94.5	96.3	98.0	98.2	98.2	98.2	98.5	98.5	98.6	98.6	98.6	98.8	98.8	98.8	98.8
GE 400	91.8	94.5	96.3	98.0	98.2	98.2	98.2	98.6	98.6	98.7	98.7	98.7	98.9	98.9	98.9	98.9
GE 300	91.8	94.5	96.5	98.2	98.4	98.5	98.6	99.2	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6
GE 200	91.8	94.5	96.5	98.2	98.4	98.5	98.6	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7
GE 100	91.8	94.5	96.5	98.2	98.4	98.5	98.6	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	100.0
GE 000	91.8	94.5	96.5	98.2	98.4	98.5	98.6	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.7	65.1	66.1	66.7	67.0	67.1	67.2	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.6	67.8
GE 20000	65.9	68.3	69.6	70.2	70.5	70.6	70.8	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.2	71.4
GE 18000	66.0	68.4	69.7	70.3	70.6	70.8	70.9	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.3	71.5
GE 16000	66.0	68.4	69.7	70.3	70.6	70.8	70.9	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.3	71.5
GE 14000	66.6	68.9	70.2	70.9	71.2	71.3	71.4	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.8	72.0
GE 12000	67.4	70.2	71.5	72.2	72.5	72.6	72.7	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.1	73.3
GE 10000	69.4	72.5	74.0	74.6	74.9	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.6	75.8
GE 9000	69.8	72.9	74.4	75.1	75.4	75.5	75.6	75.8	75.8	75.8	75.8	75.8	75.9	75.9	76.0	76.2
GE 8000	72.3	75.5	77.1	77.7	78.1	78.2	78.3	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.7	78.9
GE 7000	73.8	77.1	78.7	79.4	79.7	79.8	79.9	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.3	80.5
GE 6000	74.9	78.3	79.9	80.5	80.9	81.0	81.1	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.5	81.7
GE 5000	78.3	81.6	83.3	84.0	84.3	84.4	84.5	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.9	85.2
GE 4500	80.9	84.2	85.9	86.6	86.9	87.0	87.1	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.5	87.7
GE 4000	82.7	86.1	87.8	88.5	88.8	88.9	89.0	89.2	89.2	89.2	89.2	89.2	89.4	89.4	89.5	89.7
GE 3500	83.5	87.0	88.7	89.4	89.7	89.8	89.9	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.3	90.5
GE 3000	85.1	88.5	90.2	91.0	91.3	91.4	91.5	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.9	92.2
GE 2500	86.0	89.8	91.5	92.5	93.0	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.7	93.9
GE 2000	86.6	90.8	92.6	93.5	94.1	94.2	94.3	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.7	94.9
GE 1800	86.6	90.8	92.6	93.5	94.1	94.2	94.3	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.7	94.9
GE 1500	86.7	90.9	92.7	93.7	94.2	94.3	94.5	94.7	94.7	94.7	94.8	94.8	94.9	94.9	95.1	95.3
GE 1200	86.7	90.9	92.7	93.7	94.2	94.3	94.5	94.7	94.7	94.7	94.8	95.1	95.1	95.2	95.3	95.5
GE 1000	87.0	91.2	93.1	94.1	94.7	94.8	95.1	95.4	95.4	95.5	95.7	95.7	95.8	95.8	95.9	96.2
GE 900	87.1	91.3	93.3	94.3	94.9	95.1	95.3	95.6	95.6	95.7	95.9	95.9	96.0	96.0	96.1	96.5
GE 800	87.2	91.4	93.4	94.5	95.2	95.3	95.5	95.8	95.8	95.9	96.1	96.1	96.2	96.2	96.3	96.7
GE 700	87.3	91.6	93.8	94.9	95.6	95.7	95.9	96.2	96.2	96.3	96.6	96.6	96.7	96.7	96.8	97.1
GE 600	87.3	91.6	93.9	95.1	95.7	95.8	96.1	96.5	96.5	96.6	96.8	96.8	96.9	96.9	97.0	97.3
GE 500	87.3	91.6	94.1	95.4	96.0	96.1	96.7	97.2	97.2	97.3	97.6	97.6	97.7	97.7	98.1	98.4
GE 400	87.4	91.7	94.2	95.5	96.1	96.3	96.9	97.5	97.6	97.8	98.2	98.2	98.3	98.3	98.6	98.9
GE 300	87.4	91.7	94.2	95.5	96.3	96.6	97.1	97.7	97.8	98.1	98.4	98.4	98.7	98.7	99.0	99.4
GE 200	87.4	91.7	94.2	95.5	96.3	96.6	97.1	97.7	97.8	98.1	98.4	98.4	98.8	98.8	99.2	99.6
GE 100	87.4	91.7	94.2	95.5	96.3	96.6	97.1	97.7	97.8	98.1	98.4	98.4	98.8	98.8	99.4	100.0
GE 000	87.4	91.7	94.2	95.5	96.3	96.6	97.1	97.7	97.8	98.1	98.4	98.4	98.8	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.5	58.6	60.5	61.5	62.2	62.5	62.7	62.9	62.9	63.1	63.2	63.3	63.4	63.4	63.7	63.7
GE 20000	56.7	63.4	65.7	66.8	67.4	67.7	68.0	68.2	68.2	68.5	68.6	68.7	68.9	68.9	69.2	69.2
GE 18000	56.9	63.7	65.9	67.0	67.6	68.0	68.2	68.4	68.4	68.7	68.8	68.9	69.1	69.1	69.5	69.5
GE 16000	56.9	63.7	65.9	67.0	67.6	68.0	68.2	68.4	68.4	68.7	68.8	68.9	69.1	69.1	69.5	69.5
GE 14000	57.6	64.5	66.8	67.8	68.5	68.8	69.0	69.2	69.2	69.6	69.7	69.8	70.0	70.0	70.3	70.3
GE 12000	59.7	66.6	68.8	69.9	70.5	70.9	71.1	71.3	71.3	71.6	71.7	71.8	72.0	72.0	72.4	72.4
GE 10000	61.8	68.8	71.2	72.3	72.9	73.2	73.4	73.7	73.7	74.0	74.1	74.2	74.4	74.4	74.7	74.7
GE 9000	61.9	68.9	71.3	72.5	73.3	73.7	73.9	74.1	74.1	74.4	74.5	74.6	74.8	74.8	75.2	75.2
GE 8000	64.1	71.8	74.3	75.5	76.3	76.7	76.9	77.1	77.1	77.5	77.6	77.7	78.0	78.0	78.3	78.3
GE 7000	65.3	73.0	75.7	76.9	77.7	78.1	78.3	78.5	78.5	78.9	79.0	79.1	79.4	79.4	79.7	79.7
GE 6000	66.0	73.9	76.9	78.1	78.9	79.2	79.5	79.7	79.7	80.1	80.2	80.3	80.5	80.5	80.9	80.9
GE 5000	69.5	77.5	80.8	81.9	82.8	83.1	83.3	83.5	83.5	84.0	84.1	84.2	84.4	84.4	84.7	84.7
GE 4500	70.6	78.7	82.0	83.2	84.1	84.4	84.6	84.8	84.8	85.3	85.4	85.5	85.7	85.7	86.0	86.0
GE 4000	74.0	82.2	85.6	86.8	87.7	88.1	88.3	88.5	88.5	88.9	89.0	89.1	89.4	89.4	89.7	89.7
GE 3500	75.6	83.9	87.4	88.6	89.6	89.9	90.1	90.3	90.3	90.8	90.9	91.0	91.2	91.2	91.5	91.5
GE 3000	76.9	85.7	89.2	90.4	91.4	91.7	91.9	92.2	92.2	92.6	92.7	92.8	93.0	93.0	93.4	93.4
GE 2500	77.1	86.6	90.2	91.5	92.5	92.8	93.0	93.2	93.2	93.7	93.8	93.9	94.2	94.2	94.6	94.6
GE 2000	77.5	87.3	91.0	92.4	93.3	93.7	93.9	94.1	94.1	94.5	94.6	94.7	95.1	95.1	95.5	95.5
GE 1800	77.5	87.3	91.0	92.4	93.3	93.7	93.9	94.1	94.1	94.5	94.6	94.7	95.1	95.1	95.5	95.5
GE 1500	77.7	87.5	91.3	92.8	93.8	94.1	94.3	94.5	94.5	94.9	95.1	95.2	95.5	95.5	95.9	95.9
GE 1200	78.1	88.0	91.7	93.2	94.3	94.6	94.8	95.1	95.1	95.5	95.6	95.7	96.0	96.0	96.5	96.5
GE 1000	78.2	88.2	91.9	93.4	94.5	94.8	95.1	95.3	95.3	95.8	95.9	96.0	96.3	96.3	96.8	96.8
GE 900	78.4	88.5	92.3	93.8	94.8	95.2	95.4	95.6	95.6	96.1	96.2	96.3	96.7	96.7	97.1	97.1
GE 800	78.4	88.5	92.4	93.9	94.9	95.3	95.5	95.7	95.7	96.2	96.3	96.5	96.8	96.8	97.2	97.2
GE 700	78.5	88.8	92.9	94.7	95.8	96.1	96.3	96.6	96.6	97.1	97.2	97.3	97.6	97.6	98.1	98.1
GE 600	78.5	88.8	92.9	94.8	96.0	96.3	96.6	96.8	96.8	97.3	97.4	97.5	97.8	97.8	98.3	98.3
GE 500	78.5	88.9	93.0	95.2	96.3	96.7	96.9	97.2	97.2	97.7	97.8	98.0	98.3	98.3	98.7	98.7
GE 400	78.5	88.9	93.0	95.3	96.6	97.0	97.2	97.5	97.5	98.1	98.2	98.3	98.7	98.7	99.1	99.2
GE 300	78.5	88.9	93.0	95.3	96.6	97.0	97.2	97.6	97.6	98.3	98.4	98.5	98.9	98.9	99.4	99.5
GE 200	78.5	88.9	93.0	95.3	96.6	97.0	97.2	97.6	97.6	98.4	98.5	98.6	99.0	99.0	99.8	100.0
GE 100	78.5	88.9	93.0	95.3	96.6	97.0	97.2	97.6	97.6	98.4	98.5	98.6	99.0	99.0	99.8	100.0
GE 000	78.5	88.9	93.0	95.3	96.6	97.0	97.2	97.6	97.6	98.4	98.5	98.6	99.0	99.0	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.3	60.6	62.3	62.4	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 20000	60.6	68.0	69.7	700	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 18000	60.6	68.0	69.7	70.0	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 16000	60.9	68.2	70.0	70.3	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 14000	61.9	69.2	71.1	71.4	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 12000	63.3	70.6	72.5	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 10000	65.8	73.3	75.2	75.5	75.6	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 9000	65.9	73.4	75.4	75.8	75.9	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 8000	68.3	76.9	79.2	79.7	79.8	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 7000	69.1	78.1	80.6	81.1	81.2	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 6000	70.0	78.9	81.6	82.0	82.2	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 5000	72.9	81.8	84.6	85.2	85.3	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 4500	74.3	83.2	86.0	86.6	86.7	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 4000	77.4	86.5	89.5	90.0	90.1	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 3500	78.9	88.0	91.0	91.5	91.6	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 3000	80.9	90.0	93.0	93.5	93.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 2500	81.6	91.2	94.2	94.7	94.8	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2000	82.0	91.7	94.8	95.4	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1800	82.2	91.8	94.9	95.5	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1500	82.3	92.0	95.3	95.9	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1200	82.5	92.3	95.6	96.2	96.3	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1000	82.9	92.9	96.2	96.9	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 900	83.0	93.0	96.3	97.0	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 800	83.1	93.2	96.6	97.2	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 700	83.1	93.3	96.8	97.4	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 600	83.1	93.4	96.9	97.6	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 500	83.2	93.5	97.0	98.0	98.5	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	83.3	93.7	97.2	98.4	99.0	99.1	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	83.3	93.7	97.2	98.5	99.1	99.2	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	83.3	93.7	97.2	98.5	99.1	99.2	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	83.3	93.7	97.2	98.5	99.1	99.2	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	83.3	93.7	97.2	98.5	99.1	99.2	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.4	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 20000	71.4	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 18000	71.9	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 16000	71.9	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 14000	72.5	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 12000	74.8	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 10000	77.2	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 9000	77.3	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 8000	80.3	82.4	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 7000	81.0	83.0	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 6000	82.3	84.3	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 5000	85.3	87.4	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 4500	86.2	88.4	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 4000	89.0	91.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 3500	89.9	92.4	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 3000	91.5	94.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2500	91.9	94.7	95.8	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2000	92.6	95.8	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1800	92.6	95.8	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1500	93.0	96.3	97.7	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1200	93.5	96.9	98.3	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	93.9	97.3	98.7	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	93.9	97.3	98.7	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	94.0	97.6	99.1	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	94.0	97.8	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	94.0	97.8	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	94.0	97.8	99.4	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	94.1	98.0	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	94.1	98.0	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.1	98.0	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.1	98.0	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.1	98.0	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: 15-17

CEILING FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 20000	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 18000	71.8	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 16000	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 14000	72.4	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 12000	74.7	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 10000	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 9000	77.7	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 8000	81.3	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 7000	83.3	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 6000	84.8	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 5000	88.3	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 4500	89.1	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 4000	92.0	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 3500	92.5	94.2	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 3000	94.0	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2500	94.2	96.3	96.8	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2000	94.3	96.5	96.9	97.1	97.3	97.3	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1800	94.3	96.5	96.9	97.1	97.4	97.4	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1500	94.6	96.8	97.2	97.4	97.7	97.7	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1200	94.7	97.1	97.5	97.7	98.1	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	94.8	97.2	97.7	98.1	98.4	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	94.8	97.2	98.0	98.3	98.6	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	94.8	97.4	98.4	98.7	99.0	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	94.8	97.6	98.6	99.0	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	94.8	97.6	98.6	99.0	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	94.8	97.6	98.7	99.1	99.5	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	94.8	97.6	98.7	99.1	99.5	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	94.8	97.6	98.7	99.1	99.5	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.8	97.6	98.7	99.1	99.5	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.8	97.6	98.7	99.1	99.5	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.8	97.6	98.7	99.1	99.5	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.8	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 20000	72.5	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 18000	72.5	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 16000	72.7	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 14000	73.7	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 12000	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 10000	77.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 9000	78.8	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 8000	82.4	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 7000	83.0	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 6000	84.1	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 5000	87.6	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 4500	89.2	90.8	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 4000	91.6	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 3500	93.1	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 3000	93.9	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2500	94.1	96.2	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2000	94.4	96.7	97.1	97.2	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1800	94.6	97.0	97.4	97.5	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1500	94.9	97.4	97.8	98.0	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	94.9	97.4	98.0	98.3	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	94.9	97.4	98.1	98.4	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	94.9	97.4	98.1	98.4	98.6	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	94.9	97.5	98.2	98.5	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	94.9	97.5	98.5	98.8	99.0	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	94.9	97.5	98.5	98.8	99.0	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	94.9	97.5	98.6	99.1	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	94.9	97.5	98.6	99.1	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	94.9	97.5	98.6	99.1	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	94.9	97.5	98.6	99.1	99.5	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.9	97.5	98.6	99.1	99.5	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.9	97.5	98.6	99.1	99.5	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CELL	68.8	69.7	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 20000	73.7	74.5	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 18000	73.8	74.6	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 16000	74.0	74.9	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 14000	74.3	75.2	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 12000	75.6	76.7	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 10000	77.8	78.9	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 9000	78.2	79.3	79.9	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 8000	80.9	82.1	82.7	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 7000	81.4	82.6	83.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 6000	82.7	83.9	84.8	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 5000	86.7	87.9	88.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 4500	88.6	89.8	90.6	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 4000	91.0	92.4	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 3500	92.3	93.7	94.6	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 3000	93.6	95.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2500	94.1	95.5	96.4	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 2000	94.8	96.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
GE 1800	94.8	96.3	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 1500	94.9	96.4	97.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 1200	94.9	96.4	97.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 1000	94.9	96.4	97.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 900	94.9	96.4	97.5	98.5	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 800	94.9	96.4	97.5	98.5	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 700	94.9	96.5	97.8	98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 600	94.9	96.5	98.0	98.9	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 500	94.9	96.5	98.0	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 400	94.9	96.5	98.0	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 300	94.9	96.5	98.0	98.9	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	94.9	96.5	98.0	98.9	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	94.9	96.5	98.0	98.9	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	94.9	96.5	98.0	98.9	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.9	64.2	64.9	65.2	65.4	65.4	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.7	65.7
GE 20000	67.9	70.5	71.3	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.2	72.2
GE 18000	68.1	70.7	71.5	71.9	72.0	72.1	72.1	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.4	72.4
GE 16000	68.2	70.8	71.6	72.0	72.1	72.2	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.5	72.5
GE 14000	68.8	71.4	72.2	72.6	72.8	72.8	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.1	73.1
GE 12000	70.6	73.3	74.2	74.6	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.1	75.1
GE 10000	72.8	75.7	76.6	77.0	77.2	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.5	77.5	77.5	77.6
GE 9000	73.1	76.1	77.1	77.5	77.7	77.8	77.8	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.1	78.1
GE 8000	75.9	79.2	80.3	80.8	81.0	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.4	81.4
GE 7000	77.0	80.4	81.6	82.1	82.3	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.6	82.6	82.6	82.7
GE 6000	78.1	81.6	82.8	83.3	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.9	83.9
GE 5000	81.5	85.0	86.4	86.9	87.1	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.5
GE 4500	83.0	86.6	87.9	88.5	88.6	88.7	88.7	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0
GE 4000	85.7	89.4	90.8	91.4	91.5	91.6	91.6	91.7	91.7	91.8	91.8	91.8	91.9	91.9	91.9	91.9
GE 3500	86.8	90.6	92.0	92.6	92.8	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.2
GE 3000	88.3	92.2	93.7	94.2	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.8	94.8
GE 2500	88.7	92.9	94.5	95.1	95.3	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.7	95.7	95.8	95.8
GE 2000	89.2	93.6	95.3	95.9	96.2	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.7	96.7
GE 1800	89.3	93.7	95.3	96.0	96.3	96.4	96.4	96.5	96.5	96.6	96.6	96.6	96.7	96.7	96.8	96.8
GE 1500	89.5	93.9	95.6	96.4	96.7	96.7	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.2	97.2
GE 1200	89.6	94.1	95.8	96.6	96.9	97.0	97.1	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.5	97.5
GE 1000	89.8	94.3	96.1	96.9	97.2	97.3	97.4	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.8	97.8
GE 900	89.8	94.4	96.2	97.0	97.4	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.9	97.9	98.0	98.0
GE 800	89.9	94.6	96.4	97.2	97.6	97.6	97.8	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.2	98.2
GE 700	89.9	94.7	96.7	97.6	98.0	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.6	98.6
GE 600	89.9	94.7	96.8	97.7	98.1	98.2	98.3	98.4	98.4	98.5	98.6	98.6	98.7	98.7	98.8	98.8
GE 500	89.9	94.8	96.9	97.9	98.4	98.5	98.6	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.2	99.3
GE 400	90.0	94.8	96.9	98.0	98.5	98.6	98.8	99.0	99.1	99.2	99.3	99.3	99.4	99.4	99.5	99.5
GE 300	90.0	94.8	96.9	98.1	98.6	98.7	98.9	99.2	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.8
GE 200	90.0	94.8	96.9	98.1	98.6	98.7	98.9	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.8	99.9
GE 100	90.0	94.8	96.9	98.1	98.6	98.7	98.9	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.9	100.0
GE 000	90.0	94.8	96.9	98.1	98.6	98.7	98.9	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7435

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.5	63.9	64.7	65.0	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.3
GE 20000	72.6	76.7	77.6	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.
GE 18000	72.9	77.0	77.9	78.2	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 16000	73.0	77.2	78.1	78.3	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 14000	73.9	78.2	79.1	79.4	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7
GE 12000	75.7	80.2	81.1	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7
GE 10000	78.6	83.4	84.4	84.7	84.8	84.8	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0
GE 9000	79.1	83.9	84.9	85.2	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6
GE 8000	81.9	87.0	88.1	88.5	88.6	88.6	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8
GE 7000	82.8	87.9	89.1	89.5	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9
GE 6000	83.3	88.5	89.7	90.1	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5
GE 5000	84.5	89.9	91.2	91.6	91.8	91.8	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0
GE 4500	85.2	90.7	92.0	92.4	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8
GE 4000	86.3	91.9	93.2	93.7	93.9	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 3500	87.0	92.7	94.1	94.6	94.8	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 3000	88.2	94.1	95.6	96.1	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6
GE 2500	88.7	94.7	96.3	96.8	97.1	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.5
GE 2000	89.1	95.4	97.0	97.6	98.0	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4
GE 1800	89.2	95.4	97.1	97.8	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
GE 1500	89.4	95.7	97.4	98.1	98.5	98.5	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	99.0
GE 1200	89.4	95.8	97.5	98.2	98.6	98.7	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2
GE 1000	89.5	95.9	97.7	98.4	98.8	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 900	89.5	95.9	97.7	98.4	98.8	98.9	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.4	99.4
GE 800	89.5	96.0	97.8	98.5	98.9	99.0	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.5	99.5
GE 700	89.5	96.0	97.8	98.5	99.0	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.6
GE 600	89.6	96.0	97.8	98.6	99.0	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 500	89.6	96.0	97.9	98.6	99.1	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7
GE 400	89.6	96.0	97.9	98.7	99.1	99.2	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8
GE 300	89.6	96.0	97.9	98.7	99.1	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9
GE 200	89.6	96.0	97.9	98.7	99.1	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9
GE 100	89.6	96.0	97.9	98.7	99.1	99.2	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	100.0
GE 000	89.6	96.0	97.9	98.7	99.1	99.2	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 87667

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	25.7	41.4	19.7	12.6	.6	32.9	1.8	930
03-05	25.5	38.8	21.2	13.7	.9	35.7	4.7	930
06-08	13.5	46.9	26.8	11.9	.9	39.6	6.2	930
09-11	10.2	47.8	31.4	10.4	.1	41.9	1.8	930
12-14	6.2	47.8	33.5	12.4		45.9		930
15-17	3.7	49.7	34.7	11.9		46.7	.2	930
18-20	14.9	47.0	25.7	12.4		38.1	.3	930
21-23	25.8	43.5	19.5	11.1	.1	30.6	.4	930
ALL HOURS	15.0	45.0	26.0	12.0	.0	38.0	1.0	7440

MONTH: FEB HOURS: ALL

00-02	27.2	38.8	20.6	12.7	.7	34.0	.9	849
03-05	22.9	42.9	20.0	12.6	1.6	34.3	3.1	849
06-08	11.3	49.9	26.1	11.0	1.6	38.8	4.1	849
09-11	6.9	47.3	33.1	12.1	.5	45.7	1.1	849
12-14	4.2	49.1	35.8	10.7	.1	46.6	.1	849
15-17	4.1	49.6	33.0	13.2	.1	46.3	.5	849
18-20	10.8	49.7	27.1	12.4		39.5	1.1	849
21-23	27.0	40.8	20.4	11.9		32.3	.7	849
ALL HOURS	14.3	46.0	27.0	12.1	.6	39.7	1.4	6792



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	24.2	45.9	19.4	10.5		29.9	.6	930
03-05	22.8	44.7	21.0	11.1	.4	32.5	1.2	930
06-08	7.7	55.3	26.1	10.9	.1	37.0	1.9	930
09-11	6.0	53.9	28.3	11.8		40.1	.5	930
12-14	3.7	53.7	31.2	11.5		42.7	.6	930
15-17	2.9	53.7	32.5	11.0		43.4	1.1	930
18-20	9.2	53.7	26.5	10.6		37.1	.4	930
21-23	24.1	47.6	17.6	10.6		28.3	.2	930
ALL HOURS	12.0	51.0	25.0	10.0	.0	36.0	.0	7440

MONTH: APR HOURS: ALL

00-02	29.0	45.9	18.1	7.0		25.1	.2	900
03-05	27.2	49.0	16.3	6.9	.6	23.8	2.0	900
06-08	9.7	57.4	23.7	8.9	.3	32.9	3.0	900
09-11	7.7	55.7	27.0	9.7		36.7	.6	900
12-14	5.2	54.0	31.8	9.0		40.8	.6	900
15-17	4.7	55.6	28.6	11.2		39.8	.1	900
18-20	10.3	54.1	23.2	12.2	.1	35.6	.2	900
21-23	26.0	45.6	20.6	7.9		28.4		900
ALL HOURS	15.0	52.2	23.7	9.1	.1	32.9	.8	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	
00-02	14.5	58.8	19.6	7.1	930
03-05	11.7	62.9	18.2	7.2	930
06-08	4.2	57.8	28.5	9.4	930
09-11	1.7	57.2	30.9	10.2	930
12-14	.4	54.4	36.0	9.1	930
15-17	1.3	48.7	40.8	9.2	930
18-20	2.4	52.6	36.2	8.8	930
21-23	10.1	61.2	21.2	7.4	930
ALL HOURS	5.0	56.0	28.0	8.0	7440

MONTH: JUN HOURS: ALL

00-02	6.7	56.1	28.2	8.9	900
03-05	4.1	64.7	22.9	8.3	900
06-08	1.3	53.6	33.7	11.4	900
09-11	.4	49.1	38.1	12.3	900
12-14	.3	44.1	43.9	11.7	900
15-17	.3	36.6	50.2	12.9	900
18-20	.7	34.0	51.9	13.3	900
21-23	3.0	50.6	35.0	11.4	900
ALL HOURS	2.1	48.6	38.0	11.3	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02	5.4	63.1	23.9	7.6		31.5	.1	930
03-05	3.3	67.3	23.2	6.1		29.4		930
06-08	.6	49.9	42.9	6.6		49.5	.1	930
09-11	.1	44.1	47.2	8.6		55.8	.3	930
12-14		41.6	45.9	12.5		58.4	.4	930
15-17		37.4	49.6	13.0		62.6	.2	930
18-20		36.6	49.6	13.9		63.4		930
21-23	2.6	56.9	31.7	8.8		40.5		930
ALL HOURS	1.0	49.0	39.0	9.0		48.0	.0	7440

MONTH: AUG HOURS: ALL

00-02	4.7	62.9	23.9	8.5		32.4	.1	930
03-05	2.7	70.5	20.3	6.5		26.8		930
06-08		53.0	40.6	6.3		47.0	.1	930
09-11		45.5	46.5	8.1		54.5	.5	930
12-14		41.2	50.0	8.8		58.8	.1	930
15-17		31.5	56.6	11.9		68.5	.6	930
18-20		34.7	49.8	15.5		65.3	.6	930
21-23	2.6	53.8	33.7	10.0		43.7	.4	930
ALL HOURS	1.3	49.1	40.2	9.4		49.6	.3	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	2.2	57.6	27.6	12.7		40.2	.1	900
03-05	4.9	61.3	23.0	10.8		33.8	.2	900
06-08	.4	52.1	38.9	8.6		47.4	.2	900
09-11	.1	47.9	41.1	10.9		52.0	.4	900
12-14		41.2	47.7	11.1		58.8	.4	900
15-17		34.4	53.1	12.2	.2	65.6	.9	900
18-20	.7	35.9	47.4	16.0		63.4	.4	900
21-23	1.0	51.3	34.0	13.7		47.7	.2	900
ALL HOURS	1.0	47.0	39.0	11.0	.0	51.0	.0	7200

MONTH: OCT HOURS: ALL

00-02	12.7	57.3	21.1	8.9		30.0	.2	930
03-05	12.0	61.1	19.1	7.3	.4	26.9	.8	930
06-08	1.4	64.5	26.5	7.1	.5	34.1	1.2	930
09-11	1.3	59.7	30.5	8.5		39.0	.1	930
12-14	.3	59.4	31.1	9.2		40.3	.4	930
15-17	.2	57.4	33.5	8.8		42.4	.3	930
18-20	3.8	56.6	29.8	9.9		39.7	.1	930
21-23	8.4	58.9	23.1	9.5	.1	32.7		930
ALL HOURS	5.0	59.4	26.8	8.7	.1	35.6	.4	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02	15.9	52.0	21.8	10.3		32.1	.1	900
03-05	16.8	54.9	18.8	9.3	.2	28.3	1.0	900
06-08	3.0	59.1	26.9	10.6	.4	37.9	2.1	900
09-11	3.0	54.7	32.4	9.8	.1	42.3	.3	900
12-14	2.7	52.2	34.8	10.3		45.1	.1	900
15-17	1.8	53.9	33.7	10.7		44.3	.2	900
18-20	7.1	53.2	26.9	12.8		39.7	.2	900
21-23	14.7	52.1	21.3	11.9		33.2	.1	900
ALL HOURS	8.0	54.0	27.0	10.0	.0	37.0	.0	7200

MONTH: DEC HOURS: ALL

00-02	17.7	49.6	20.9	11.5	.3		32.7	1.4	930
03-05	18.0	46.3	23.7	11.3	.8		35.7	3.0	930
06-08	6.6	51.9	31.4	9.4	.8		41.5	3.0	930
09-11	4.3	52.5	34.9	8.2	.1		43.2	.8	930
12-14	3.1	52.0	35.4	9.5			44.8		930
15-17	3.0	52.2	35.4	9.5			44.8		930
18-20	9.8	50.2	28.6	11.4			40.0		928
21-23	19.4	48.2	20.9	11.3	.1		32.4	.1	927
ALL HOURS	10.2	50.4	28.9	10.2	.3		39.4	1.0	7435

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: ALL HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	15.4	52.5	22.0	9.8	.1	32.0	.5	10959
03-05	14.3	55.4	20.6	9.2	.4	30.3	1.5	10959
06-08	5.0	54.3	31.0	9.3	.4	40.7	2.0	10959
09-11	3.5	51.3	35.1	10.0	.1	45.2	.6	10959
12-14	2.2	49.2	38.1	10.5	.0	48.6	.3	10959
15-17	1.8	46.7	40.2	11.3	.0	51.5	.4	10959
18-20	5.8	46.5	35.3	12.4	.0	47.7	.3	10957
21-23	13.6	51.0	24.9	10.4	.0	35.4	.2	10956
ALL HOURS	7.7	50.9	30.9	10.4	.1	41.4	.7	87667

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPP	AA AA	RRRRRRRR	TT	EEEEEE
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	EEEEEE
PP	AAAAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEEE

## PART E

### TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

#### TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

#### MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

#### MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

#### DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN. THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, WET BULB TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.



TEMPERATURE CONVERSIONS:  $F = 1.8C + 32$

$C = K - 273.0$  (BEFORE 5 APRIL 77)

$C = K - 273.2$  (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED. THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: +05

PERIOD OF RECORD: 4302-4409,5606-8812  
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 95						.4	.3	.4					.1
GE 90			.3	2.2	2.6	12.5	19.9	26.5	13.6	1.2			6.7
GE 85	.1	2.0	7.0	18.6	40.9	73.5	94.0	95.7	86.8	43.4	7.6	.9	39.9
GE 80	19.6	27.3	42.2	63.0	91.7	98.4	99.6	99.8	99.3	91.2	57.6	29.1	68.9
GE 75	56.6	62.4	78.7	95.7	99.8	100.0	100.0	100.0	100.0	99.1	88.6	67.5	87.6
GE 70	80.4	83.5	94.4	99.8	100.0					99.9	96.7	87.0	95.3
GE 65	92.4	95.3	98.9	100.0						100.0	99.2	95.8	98.5
GE 60	97.7	98.2	99.8								99.9	98.9	99.6
GE 55	99.2	99.9	100.0								100.0	99.5	99.9
GE 50	100.0	100.0										100.0	100.0
MEAN	74.2	75.4	78.0	81.1	83.6	86.2	87.8	88.2	87.0	83.7	79.4	75.9	81.8
SD	6.04	5.90	4.97	3.90	3.04	2.88	2.26	2.20	2.48	3.13	4.30	5.50	6.35
TOTAL OBS	1023	961	1054	1020	1054	1037	1085	1085	1050	1054	1020	1054	12497

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: +05

PERIOD OF RECORD: 4302-4409,5606-8812

MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 80					.7	3.4	11.0	15.5	9.6	1.2	.5		3.6
GE 75		.1	1.8	3.3	21.5	55.9	77.0	79.5	69.4	30.9	9.0	2.1	29.8
GE 70	7.6	12.1	25.1	43.1	75.8	98.2	99.7	99.8	99.7	78.0	40.1	20.5	59.0
GE 65	31.7	32.7	53.7	75.5	95.4	100.0	100.0	100.0	99.9	93.9	68.7	44.2	75.2
GE 60	52.6	54.5	75.0	90.8	99.5				100.0	98.6	84.7	63.6	85.3
GE 55	69.4	73.6	87.2	98.2	100.0					99.8	94.0	76.4	91.7
GE 50	84.5	88.2	95.5	99.7						100.0	97.8	89.1	96.3
GE 45	93.5	95.9	99.3	100.0							99.5	96.3	98.8
GE 40	98.0	99.3	99.7								100.0	99.1	99.7
GE 35	99.6	100.0	100.0									100.0	100.0
GE 33													100.0
GE 30													100.0
GE 25													100.0
MEAN	58.8	59.8	63.9	67.5	71.6	74.9	76.3	76.7	75.9	72.1	66.8	61.5	68.9
SD	8.69	8.17	7.20	5.20	3.79	2.68	2.48	2.59	2.56	4.36	6.82	8.68	8.58
TOTAL OBS	1023	961	1054	1020	1054	1037	1085	1085	1050	1054	1020	1054	12497

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: +05

PERIOD OF RECORD: 4302-4409,5606-8812  
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 85					.1	4.1	10.5	17.0	7.2	.6			3.4
GE 80		.2	2.3	6.4	28.6	70.8	92.4	95.7	86.2	39.6	7.0	.9	36.6
GE 75	9.8	16.2	33.1	56.6	89.0	99.6	99.9	100.0	99.8	86.1	49.6	23.1	64.2
GE 70	43.2	47.1	68.9	89.3	99.4	100.0	100.0		100.0	97.4	80.0	55.4	82.1
GE 65	65.5	71.2	86.0	98.0	100.0					99.8	92.9	74.3	90.9
GE 60	84.0	87.6	95.5	99.9						100.0	97.7	89.0	96.2
GE 55	93.8	97.0	99.4	100.0							99.8	96.9	98.9
GE 50	97.8	99.4	99.9								100.0	99.2	99.7
GE 45	99.6	100.0	100.0									99.8	100.0
GE 40	100.0											100.0	100.0
MEAN	66.8	67.8	71.2	74.5	77.8	80.8	82.3	82.7	81.7	78.2	73.3	69.0	75.6
SD	6.99	6.59	5.64	3.88	2.72	2.28	1.94	1.93	2.06	3.42	5.27	6.80	7.20
TOTAL OBS	1023	961	1054	1020	1054	1037	1085	1085	1050	1054	1020	1054	12497

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: +05

PERIOD OF RECORD: 4302-4409,5606-8812  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43		88	83	89	90	91	92	92	92	89	85	83	92*
44	80	84	88	90	88	98	94	92	94				98*
56						90*	91	95	91	88	85	84	95*
57	84	84	86	88	87	93	91	91	92	38	87	80	93
58	79	87	86	89	88	93	91	94	93	92	88	83	94
59	84	86	88	90	89	91	91	92	89	89	86	82	92
60	84	85	86	87	88	90	91	91	91	89	86	81	91
61	81	84	87	90	90	92	90	92	91	89	85	86	92
62	82	85	87	87	87	90	91	91	90	88	82	79	91
63	81	81	87	89	86	90	93	90	90	85	83	83	93
64	82	84	87	85	88	89	90	91	90	88	83	82	91
65	83	83	88	88	91	89	89	89	91	89	83	82	91
66	81	81	83	86	88	89	92	92	92	87	83	81	92
67	83	82	86	88	92	88	89	89	93	86	85	84	93
68	81	82	80	87	87	90	89	93	93	88	83	84	93
69	78	83	83	90	87	92	93	90	90	89	86	82	93
70	83	80	85	87	86	92	90	95	90	90	86	84	95
71	84	85	86	92	91	89	89	89	89	87	85	82	92
72	83	83	86	87	89	92	88	89	90	89	87	83	92
73	84	83	83	87	91	88	89	89	92	87	86	81	92
74	80	84	87	85	91	88	91	88	89	85	82	81	91
75	81	85	86	90	87	90	90	90	92	89	84	82	92
76	81	80	86	86	89	87	94	91	89	88	86	84	94
77	83	84	90	86	89	91	89	91	90	92	84	85	92
78	83	82	83	89	90	90	90	89	91	90	85	83	91
79	82	82	83	88	88	88	90	89	89	87	85	81	90
80	84	83	87	90	94	92	96	94	92	91	86	82	96
81	78	85	82	86	92	91	94	92	90	88	84	84	94
82	83	84	86	88	89	90	91	92	90	88	83	83	92
83	83	82	81	83	90	90	93	94	92	90	85	86	94
84	82	84	87	87	89	93	89	93	90	85	85	85	93
85	84	86	90	93	93	96	93	93	90	89	87	84	96

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: +05

PERIOD OF RECORD: 4302-4409,5606-8812  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	81	84	87	89	89	90	97	93	91	89	88	88	97
87	85	87	85	90	87	94	94	96	94	89	89	83	96
88	83	86	83	92	91	91	92	91	91	91	89	83	92

GREATEST	85	88	90	93	94	98	97	96	94	92	89	88	98
TOTAL OBS	1023	961	1054	1020	1054	1037	1085	1085	1050	1054	1020	1054	12497

THE GREATEST VALUE OF 98 OCCURRED ON 06/24/44

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: +05

PERIOD OF RECORD: 4302-4409,5606-8812  
MONTH:ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43		37	42	54	57	70	70	70	71	53	53	40	37*
44	42	50	48	46	63	70	70	71	70				42*
56						70*	72	71	70	65	43	42	42*
57	48	51	47	64	68	69	73	72	73	53	57	36	36
58	40	38	45	58	59	72	72	72	71	57	61	46	38
59	41	59	46	55	63	70	71	70	72	63	43	48	41
60	36	43	45	55	56	69	72	71	72	70	58	39	36
61	39	48	48	50	63	68	74	73	71	55	54	39	39
62	40	50	41	55	61	69	72	73	72	63	46	36	36
63	42	49	53	53	59	69	74	72	72	61	46	42	42
64	34	44	52	54	63	70	73	73	73	60	61	51	34
65	36	42	48	60	65	67	70	72	72	62	57	47	36
66	35	41	48	57	66	71	73	72	72	64	48	42	35
67	44	39	56	63	65	69	73	72	72	66	59	48	39
68	41	42	39	57	66	71	73	74	75	57	47	37	37
69	53	46	48	67	69	73	70	72	72	70	50	44	44
70	35	43	45	63	62	70	74	74	74	67	40	43	35
71	36	42	45	45	62	69	73	72	73	68	59	63	36
72	58	43	58	57	67	72	70	72	72	67	54	47	43
73	42	40	52	52	63	67	68	68	71	59	56	40	40
74	63	42	53	51	61	70	71	73	72	66	53	48	42
75	45	53	50	53	66	70	70	73	73	63	47	43	43
76	41	47	57	60	68	72	73	72	71	60	55	46	41
77	28	45	54	59	64	71	73	74	74	60	53	43	28
78	44	40	49	59	63	70	74	74	72	67	59	58	40
79	44	41	49	64	64	71	72	73	72	68	52	52	41
80	44	42	39	59	63	72	72	71	64	59	51	46	39
81	34	44	49	61	63	72	67	72	70	67	53	40	34
82	37	53	54	62	66	69	72	70	71	61	58	45	37
83	46	49	45	53	66	71	74	75	72	70	51	35	35
84	46	46	45	55	67	65	71	72	69	67	49	47	45
85	31	41	56	54	66	73	71	74	71	70	53	39	31

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT  
SUMMARY OF DAY DATA

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: +05

PERIOD OF RECORD: 4302-4409,5606-8812  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	40	49	39	57	66	73	75	73	72	65	68	63	39
87	43	48	56	50	64	76	75	74	73	63	53	48	43
88	44	46	46	56	61	70	71	74	75	65	62	45	44

LEAST	28	37	39	45	56	65	67	68	64	53	40	35	28
TOTAL OBS	1023	961	1054	1020	1054	1037	1085	1085	1050	1054	1020	1054	12497

THE LEAST VALUE OF 28 OCCURRED ON 01/20/77

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: +05

PERIOD OF RECORD: 4302-4409,5606-8812

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	CT	NOV	DEC	ANNUAL
43		65	71	73	77	80	81	82	81	76	71	67	75*
44	65	70	74	76	76	82	82	83	82				77*
56						81*	82	83	80	78	70	70	77*
57	69	72	70	76	78	81	82	82	81	76	74	66	76
58	62	60	70	75	78	82	83	83	82	77	77	69	75
59	67	75	71	75	79	81	82	82	81	81	74	67	76
60	66	67	67	74	76	81	83	83	82	80	75	66	75
61	65	70	74	74	78	81	83	83	82	77	74	69	76
62	69	71	69	73	76	79	82	82	80	77	68	63	74
63	66	65	72	73	76	80	82	82	81	76	71	63	74
64	67	65	73	75	76	80	82	82	81	76	74	71	75
65	67	70	72	75	77	79	80	82	82	77	74	68	75
66	66	68	69	73	78	79	82	82	82	79	71	66	75
67	70	68	72	74	78	79	82	81	81	78	73	72	76
68	68	64	67	75	77	80	83	84	84	77	69	66	75
69	68	66	67	76	80	82	82	81	81	79	70	65	75
70	64	64	70	76	76	80	82	84	83	81	71	71	75
71	68	71	69	73	79	80	82	82	80	79	74	75	76
72	73	69	72	75	78	80	81	82	81	78	74	71	76
73	69	64	72	74	78	79	80	80	81	78	76	67	75
74	74	67	73	74	78	79	81	81	81	76	72	68	75
75	71	72	72	76	78	80	80	83	83	79	73	69	76
76	65	68	74	74	79	80	83	82	80	77	72	68	75
77	61	66	74	74	77	82	82	83	82	76	74	69	75
78	65	64	70	74	80	82	83	83	82	79	76	73	76
79	67	66	70	77	77	81	83	82	82	78	74	70	76
80	68	64	73	76	79	82	85	84	82	79	73	67	76
81	60	70	68	75	77	81	83	84	81	78	71	68	75
82	67	72	73	76	78	81	83	83	81	77	74	73	77
83	68	68	68	72	78	81	84	85	83	81	74	71	76
84	66	69	71	73	78	80	81	82	80	78	71	72	75
85	63	69	75	75	80	84	82	84	81	81	76	67	76

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: +05

PERIOD OF RECORD: 4302-4409,5606-8812  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	66	70	70	73	79	82	84	84	84	81	80	75	77
87	66	71	74	72	80	84	85	86	84	77	76	70	77
88	68	68	71	75	76	81	83	83	84	79	78	71	76

MEAN	66.8	67.8	71.2	74.5	77.8	80.8	82.3	82.7	81.7	78.2	73.3	69.0	75.6
TOTAL OBS	1023	961	1054	1020	1054	1037	1085	1085	1050	1054	1020	1054	12497

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	62.0	8.097	930	0	1	395	0	0	930
03-05	60.6	8.757	930	0	3	350	0	0	930
06-08	60.0	9.124	930	0	2	330	0	0	930
09-11	67.0	8.765	930	0	0	596	29	0	930
12-14	72.2	6.809	930	0	0	795	117	0	930
15-17	72.0	5.925	930	0	0	840	77	0	930
18-20	66.9	6.074	930	0	0	639	1	0	930
21-23	63.8	7.041	930	0	0	482	0	0	930
ALL HOURS	65.6	8.832	7440	0	6	4427	224	0	7440

MONTH: FEB

00-02	64.7	7.134	849	0	0	507	0	0	849
03-05	63.5	7.751	849	0	0	460	0	0	849
06-08	63.1	8.119	849	0	0	429	0	0	849
09-11	70.0	7.424	849	0	0	652	44	0	849
12-14	74.4	5.771	849	0	0	787	157	0	849
15-17	74.0	5.364	849	0	0	800	110	0	849
18-20	69.3	5.479	849	0	0	683	6	0	849
21-23	66.4	6.278	849	0	0	560	0	0	84
ALL HOURS	68.2	7.964	6792	0	0	4878	317	0	6792

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	67.9	6.577	930	0	0	691	0	0	930
03-05	66.6	7.249	930	0	0	646	0	0	930
06-08	66.7	7.704	930	0	0	643	8	0	930
09-11	73.7	6.765	930	0	0	821	160	0	930
12-14	76.7	5.669	930	0	0	898	298	0	930
15-17	76.1	5.238	930	0	0	899	239	0	930
18-20	72.0	5.144	930	0	0	861	53	0	930
21-23	69.4	5.685	930	0	0	755	0	0	930
ALL HOURS	71.1	7.330	7440	0	0	6214	758	0	7440

MONTH: APR

00-02	70.5	4.473	900	0	0	791	2	0	900
03-05	69.1	5.010	900	0	0	739	0	0	900
06-08	70.2	5.571	900	0	0	765	6	0	900
09-11	77.5	4.609	900	0	0	885	308	0	900
12-14	80.2	4.296	900	0	0	897	524	1	900
15-17	79.5	4.090	900	0	0	899	430	0	900
18-20	75.3	3.690	900	0	0	892	97	0	900
21-23	72.2	3.792	900	0	0	860	7	0	900
ALL HOURS	74.3	6.137	7200	0	0	6728	1374	1	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	75.0	3.293	930	0	0	928	75	0	930
03-05	73.7	3.771	930	0	0	916	30	0	930
06-08	75.3	4.257	930	0	0	921	156	0	930
09-11	81.2	3.401	930	0	0	930	668	0	930
12-14	82.8	3.511	930	0	0	930	788	3	930
15-17	81.8	3.495	930	0	0	930	711	2	930
18-20	78.4	3.209	930	0	0	930	374	0	930
21-23	76.2	2.975	930	0	0	930	155	0	930
ALL HOURS	78.1	4.697	7440	0	0	7415	2957	5	7440

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	78.6	2.206	900	0	0	900	330	0	900
03-05	77.6	2.280	900	0	0	900	192	0	900
06-08	79.3	3.094	900	0	0	900	418	0	900
09-11	84.2	3.036	900	0	0	900	826	1	900
12-14	85.1	3.581	900	0	0	900	829	7	900
15-17	83.8	3.578	900	0	0	900	783	3	900
18-20	81.3	2.884	900	0	0	900	685	0	900
21-23	79.5	2.291	900	0	0	900	489	0	900
ALL HOURS	81.2	4.035	7200	0	0	7200	4552	11	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	79.9	2.582	930	0	0	930	566	0	930
03-05	79.0	2.421	930	0	0	930	414	0	930
06-08	80.8	3.039	930	0	0	930	615	0	930
09-11	86.1	2.998	930	0	0	930	888	3	930
12-14	87.0	3.485	929	0	0	929	894	24	929
15-17	85.9	3.735	930	0	0	930	864	8	930
18-20	83.0	3.186	930	0	0	930	800	1	930
21-23	80.9	2.661	930	0	0	930	675	0	930
ALL HOURS	82.8	4.100	7439	0	0	7439	5716	36	7439

MONTH: AUG

00-02	80.3	2.626	930	0	0	930	569	0	930
03-05	79.4	2.555	930	0	0	930	470	0	930
06-08	80.7	3.145	930	0	0	930	594	0	930
09-11	86.0	3.174	930	0	0	930	874	3	930
12-14	87.5	3.235	930	0	0	930	901	14	930
15-17	86.1	3.641	930	0	0	930	855	1	930
18-20	83.0	3.083	930	0	0	930	801	0	930
21-23	81.2	2.625	930	0	0	930	697	0	930
ALL HOURS	83.0	4.266	7440	0	0	7440	5761	18	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	79.3	2.873	900	0	0	900	447	0	900
03-05	78.3	2.938	900	0	0	900	309	0	900
06-08	79.3	3.319	900	0	0	900	435	0	900
09-11	84.6	3.432	900	0	0	900	821	0	900
12-14	85.7	3.778	900	0	0	900	828	3	900
15-17	84.4	3.822	899	0	0	899	811	1	899
18-20	81.4	3.300	900	0	0	899	684	0	900
21-23	80.0	2.913	900	0	0	900	548	0	900
ALL HOURS	81.6	4.235	7199	0	0	7198	4883	4	7199

MONTH: OCT

00-02	75.8	3.398	930	0	0	925	129	0	930
03-05	74.7	3.743	930	0	0	920	76	0	930
06-08	75.1	4.145	930	0	0	917	125	0	930
09-11	81.3	3.639	930	0	0	930	703	0	930
12-14	83.4	3.215	930	0	0	930	852	0	930
15-17	82.1	3.179	930	0	0	930	755	0	930
18-20	78.5	2.745	930	0	0	930	343	0	930
21-23	77.0	2.812	930	0	0	929	193	0	930
ALL HOURS	78.5	4.706	7440	0	0	7411	3176	0	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	71.8	5.852	900	0	0	791	43	0	900
03-05	70.8	6.309	900	0	0	752	29	0	900
06-08	70.7	6.623	900	0	0	738	40	0	900
09-11	76.9	5.612	900	0	0	864	342	0	900
12-14	79.4	4.398	900	0	0	896	493	0	900
15-17	78.3	4.254	900	0	0	897	389	0	900
18-20	74.4	4.399	900	0	0	867	100	0	900
21-23	72.7	5.174	900	0	0	825	51	0	900
ALL HOURS	74.4	6.242	7200	0	0	6630	1487	0	7200

MONTH: DEC

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	67.2	7.603	930	0	0	640	3	0	930
03-05	66.1	8.069	930	0	0	601	2	0	930
06-08	65.7	8.508	930	0	0	594	0	0	930
09-11	71.7	8.131	930	0	0	756	121	0	930
12-14	75.7	6.495	930	0	0	864	297	0	930
15-17	74.9	5.743	930	0	0	879	177	0	930
18-20	70.5	6.089	928	0	0	792	8	0	928
21-23	68.4	6.973	927	0	0	708	0	0	927
ALL HOURS	70.0	8.138	7435	0	0	5834	608	0	7435



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	72.8	7.967	10959	0	1	9328	2164	0	10959
03-05	71.7	8.347	10959	0	3	9044	1522	0	10959
06-08	72.3	9.159	10959	0	2	8997	2397	0	10959
09-11	78.4	8.358	10959	0	0	10094	5784	7	10959
12-14	80.9	6.870	10958	0	0	10656	6978	52	10958
15-17	79.9	6.430	10958	0	0	10733	6201	15	10958
18-20	76.2	6.882	10957	0	0	10253	3952	1	10957
21-23	74.0	7.394	10956	0	0	9709	2815	0	10956
ALL HOURS	75.8	8.432	87665	0	6	78814	31813	75	87665

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	58.1	8.552	930	4	768	189	8	0	930
03-05	57.1	9.113	930	8	729	183	6	0	930
06-08	56.6	9.349	930	9	696	176	7	0	930
09-11	61.0	9.025	930	0	813	310	74	0	930
12-14	63.3	7.870	930	0	875	375	105	0	930
15-17	63.0	7.493	930	0	871	334	69	0	930
18-20	60.8	7.458	930	0	849	247	10	0	930
21-23	59.3	7.965	930	1	805	220	1	0	930
ALL HOURS	59.9	8.741	7440	22	6406	2034	280	0	7440

MONTH: FEB

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	60.8	7.884	849	0	744	233	8	0	849
03-05	60.0	8.376	849	0	723	214	8	0	849
06-08	59.6	8.528	849	0	719	218	8	0	849
09-11	63.7	7.843	849	0	794	392	86	0	849
12-14	65.5	6.850	849	0	829	454	110	0	849
15-17	65.2	6.468	849	0	831	425	90	0	849
18-20	63.2	6.692	849	0	807	331	24	0	849
21-23	61.8	7.295	849	0	782	260	10	0	849
ALL HOURS	62.5	7.833	6792	0	6229	2527	344	0	6792

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	63.2	6.929	930	0	883	334	40	0	930
03-05	62.4	7.417	930	0	866	313	36	0	930
06-08	62.4	7.744	930	0	855	316	45	0	930
09-11	66.0	7.064	930	0	903	502	159	0	930
12-14	67.2	6.260	930	0	915	555	182	0	930
15-17	66.8	5.827	929	0	915	524	151	0	929
18-20	65.0	5.919	930	0	911	430	65	0	930
21-23	64.1	6.323	930	0	898	378	41	0	930
ALL HOURS	64.6	6.953	7439	0	7146	3352	719	0	7439

MONTH: APR

00-02	65.2	4.994	900	0	892	384	34	0	900
03-05	64.4	5.375	900	0	886	333	33	0	900
06-08	65.0	5.651	900	0	886	401	54	0	900
09-11	68.2	5.102	900	0	894	646	175	0	900
12-14	69.1	4.799	900	0	897	691	227	0	900
15-17	68.7	4.454	900	0	899	683	181	0	900
18-20	67.1	4.309	900	0	900	538	72	0	900
21-23	66.0	4.420	900	0	900	454	38	0	900
ALL HOURS	66.7	5.224	7200	0	7154	4130	814	0	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	69.8	3.669	930	0	930	739	257	0	930
03-05	69.1	4.004	930	0	930	687	217	0	930
06-08	70.0	4.306	930	0	930	728	312	1	930
09-11	72.6	3.549	929	0	929	867	524	1	929
12-14	73.1	3.457	930	0	930	892	581	5	930
15-17	72.6	3.331	930	0	930	881	534	5	930
18-20	71.1	3.447	930	0	930	809	380	0	930
21-23	70.4	3.611	929	0	929	769	312	0	929
ALL HOURS	71.1	3.961	7438	0	7438	6372	3117	12	7438

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	73.9	2.168	900	0	900	891	704	0	900
03-05	73.4	2.303	900	0	900	891	636	0	900
06-08	74.3	2.626	900	0	900	893	694	19	900
09-11	76.4	2.454	900	0	900	900	841	74	900
12-14	76.6	2.302	900	0	900	900	844	87	900
15-17	75.8	2.337	900	0	900	900	827	40	900
18-20	74.7	2.283	900	0	900	894	756	9	900
21-23	74.2	2.241	900	0	900	894	713	5	900
ALL HOURS	74.9	2.517	7200	0	7200	7163	6015	234	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	74.7	2.239	930	0	930	927	799	10	930
03-05	74.3	2.001	930	0	930	929	759	7	930
06-08	75.3	2.415	930	0	930	930	817	39	930
09-11	77.4	2.031	930	0	930	930	906	155	930
12-14	77.6	2.338	929	0	929	929	895	205	929
15-17	77.0	2.471	930	0	930	930	877	149	930
18-20	75.8	2.353	930	0	930	930	855	42	930
21-23	75.0	2.309	930	0	930	927	809	14	930
ALL HOURS	75.9	2.521	7439	0	7439	7432	6717	621	7439

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	75.2	1.886	930	0	930	930	844	16	930
03-05	74.7	2.055	930	0	930	930	805	5	930
06-08	75.4	2.227	930	0	930	930	821	29	930
09-11	77.7	1.963	930	0	930	930	914	177	930
12-14	78.1	2.007	930	0	930	930	916	236	930
15-17	77.3	2.147	930	0	930	930	898	148	930
18-20	76.1	2.138	930	0	930	930	876	38	930
21-23	75.5	2.095	930	0	930	930	865	14	930
ALL HOURS	76.3	2.300	7440	0	7440	7440	6939	563	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	74.9	2.102	900	0	900	899	769	18	900
03-05	74.4	2.239	900	0	900	899	727	16	900
06-08	75.1	2.321	900	0	900	900	772	33	900
09-11	77.5	2.274	900	0	900	900	877	171	900
12-14	77.7	2.260	898	0	898	898	874	184	898
15-17	75.8	2.263	899	0	899	899	851	110	899
18-20	75.6	2.329	900	0	900	899	810	41	900
21-23	75.2	2.163	900	0	900	900	804	28	900
ALL HOURS	75.9	2.621	7197	0	7197	7194	6484	601	7197

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	71.5	3.455	930	0	930	848	422	0	930
03-05	71.0	3.741	930	0	930	803	362	0	930
06-08	71.3	4.055	930	0	930	812	408	1	930
09-11	74.3	3.534	930	0	930	900	674	30	930
12-14	74.8	3.251	930	0	930	912	723	37	930
15-17	74.0	3.193	930	0	930	910	669	13	930
18-20	72.6	3.153	930	0	930	887	527	2	930
21-23	72.0	3.271	930	0	930	872	467	0	930
ALL HOURS	72.7	3.751	7440	0	7440	6944	4252	83	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	67.7	6.219	900	0	893	592	203	0	900
03-05	67.0	6.590	900	0	882	557	190	0	900
06-08	67.0	6.841	900	0	878	563	201	0	900
09-11	70.3	6.050	900	0	897	707	398	6	900
12-14	71.1	5.268	900	0	900	734	434	6	900
15-17	70.4	5.050	900	0	900	724	387	1	900
18-20	68.9	5.213	900	0	900	656	254	0	900
21-23	68.1	5.757	899	0	897	620	218	0	899
ALL HOURS	68.8	6.094	7199	0	7147	5153	2285	13	7199

MONTH: DEC

00-02	62.8	8.112	930	1	844	402	37	0	930
03-05	62.0	8.426	930	3	830	364	22	0	930
06-08	61.6	8.773	930	3	816	352	32	0	930
09-11	65.3	8.300	930	0	872	513	166	0	930
12-14	67.0	7.223	930	0	901	582	243	0	930
15-17	66.5	6.979	930	0	898	555	165	0	930
18-20	64.5	7.289	928	0	877	469	67	0	928
21-23	63.5	7.754	927	0	863	424	39	0	927
ALL HOURS	64.1	8.124	7435	7	6901	3661	771	0	7435

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	68.2	7.980	10959	5	10544	7368	4125	44	10959
03-05	67.5	8.311	10959	11	10436	7103	3801	28	10959
06-08	67.8	8.814	10959	12	10370	7219	4171	122	10959
09-11	70.9	7.978	10958	0	10692	8497	5794	614	10958
12-14	71.8	7.096	10956	0	10834	8852	6134	760	10956
15-17	71.2	6.828	10957	0	10833	8695	5699	466	10957
18-20	69.6	7.124	10957	0	10764	8020	4696	132	10957
21-23	68.8	7.542	10954	1	10654	7648	4317	61	10954
ALL HOURS	69.5	7.887	87659	29	85137	63402	38737	2227	87659



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	55.0	10.332	930	14	881	442	190	930
03-05	54.3	10.730	930	16	875	461	182	930
06-08	53.9	10.772	930	15	859	473	182	930
09-11	56.5	11.195	930	13	879	388	276	930
12-14	56.9	11.278	930	13	871	347	288	930
15-17	56.2	11.627	930	26	853	358	266	930
18-20	56.1	10.660	930	21	876	387	237	930
21-23	55.6	10.268	930	17	883	419	216	930
ALL HOURS	55.6	10.922	7440	135	6977	3275	1837	7440

MONTH: FEB

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	57.9	9.656	849	3	813	278	250	849
03-05	57.3	9.908	849	1	810	307	244	849
06-08	56.9	10.075	849	4	813	337	242	849
09-11	59.4	10.013	849	1	820	259	333	849
12-14	59.7	9.876	849	5	819	231	350	849
15-17	59.3	9.787	849	6	818	246	314	849
18-20	58.8	9.370	849	3	821	252	272	849
21-23	58.5	9.369	849	1	818	268	251	849
ALL HOURS	58.5	9.823	6792	24	6532	2178	2256	6792

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	60.0	8.333	930	0	919	239	319	930
03-05	59.5	8.688	930	2	919	263	294	930
06-08	59.5	8.971	930	3	917	262	296	930
09-11	61.2	9.150	930	7	913	208	404	930
12-14	61.3	8.831	930	3	912	203	406	930
15-17	61.1	8.451	929	4	912	208	390	929
18-20	60.5	8.194	930	0	914	229	340	930
21-23	60.5	8.042	930	0	916	223	345	930
ALL HOURS	60.4	8.647	7439	19	7322	1835	2794	7439

MONTH: APR

00-02	61.9	6.200	900	0	900	137	337	900
03-05	61.4	6.528	900	0	899	158	300	900
06-08	61.8	6.670	900	0	896	141	337	900
09-11	62.8	7.200	900	0	895	111	431	900
12-14	62.6	7.413	900	0	895	132	408	900
15-17	62.5	6.847	900	0	896	129	397	900
18-20	62.1	6.249	900	0	899	120	337	900
21-23	62.2	5.925	900	0	900	122	340	900
ALL HOURS	62.2	6.706	7200	0	7180	1050	2887	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	67.1	4.835	930	0	930	9	689	930
03-05	66.6	4.980	930	0	930	19	651	930
06-08	67.2	5.203	930	0	930	19	678	930
09-11	68.3	5.131	929	0	929	14	725	929
12-14	68.3	5.162	930	0	930	18	724	930
15-17	68.1	4.910	930	0	930	13	735	930
18-20	67.3	4.965	930	0	930	12	696	930
21-23	67.4	4.862	929	0	929	8	700	929
ALL HOURS	67.5	5.097	7438	0	7438	112	5598	7438

MONTH: JUN

00-02	71.8	2.813	900	0	900	0	886	900
03-05	71.4	2.774	900	0	900	0	886	900
06-08	72.2	3.114	900	0	900	0	887	900
09-11	73.1	3.027	900	0	900	0	884	900
12-14	73.0	2.797	900	0	900	0	887	900
15-17	72.4	2.692	900	0	900	0	890	900
18-20	71.8	2.820	900	0	900	0	888	900
21-23	71.8	2.667	900	0	900	0	893	900
ALL HOURS	72.2	2.984	7200	0	7200	0	7101	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	72.4	2.956	930	0	930	3	924	930
03-05	72.2	2.559	930	0	930	0	927	930
06-08	73.0	2.674	930	0	930	0	926	930
09-11	73.9	2.612	930	0	930	0	929	930
12-14	73.9	2.729	929	0	929	0	925	929
15-17	73.3	2.784	930	0	930	0	926	930
18-20	72.7	2.771	930	0	930	0	927	930
21-23	72.5	2.905	930	0	930	0	923	930
ALL HOURS	73.0	2.898	7439	0	7439	3	7407	7439

MONTH: AUG

00-02	73.1	2.295	930	0	930	0	929	930
03-05	72.7	2.317	930	0	930	0	924	930
06-08	73.2	2.554	930	0	930	0	929	930
09-11	74.4	2.357	930	0	930	0	930	930
12-14	74.3	2.418	930	0	930	0	930	930
15-17	73.7	2.589	930	0	930	0	928	930
18-20	73.2	2.586	930	0	930	0	930	930
21-23	73.1	2.444	930	0	930	0	928	930
ALL HOURS	73.5	2.572	7440	0	7440	0	7428	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	73.1	2.358	900	0	900	0	900	900
03-05	72.8	2.346	900	0	900	0	899	900
06-08	73.3	2.428	900	0	900	0	900	900
09-11	74.7	2.624	900	0	900	0	900	900
12-14	74.4	2.522	898	0	898	0	898	898
15-17	73.7	2.530	899	0	899	0	899	899
18-20	73.2	2.498	900	0	900	0	899	900
21-23	73.1	2.369	900	0	900	0	900	900
ALL HOURS	73.6	2.660	7197	0	7197	0	7195	7197

MONTH: OCT

00-02	69.4	4.203	930	0	930	6	818	930
03-05	69.1	4.432	930	0	930	7	792	930
06-08	69.4	4.539	930	0	930	10	790	930
09-11	71.1	4.513	930	0	930	6	848	930
12-14	70.8	4.474	930	0	930	8	842	930
15-17	70.3	4.325	930	0	930	4	835	930
18-20	69.8	4.251	930	0	930	3	821	930
21-23	69.6	4.199	930	0	930	5	824	930
ALL HOURS	69.9	4.471	7440	0	7440	49	6570	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	65.3	7.357	900	0	900	109	569	900
03-05	64.8	7.586	900	0	900	121	558	900
06-08	64.8	7.804	900	0	896	123	562	900
09-11	66.7	7.703	900	0	899	93	627	900
12-14	66.7	7.289	900	0	899	89	620	900
15-17	66.1	7.186	900	0	897	84	592	900
18-20	65.7	6.884	900	0	900	102	577	900
21-23	65.5	7.021	899	0	899	112	565	899
ALL HOURS	65.7	7.431	7199	0	7190	833	4670	7199

MONTH: DEC

00-02	59.7	9.976	930	6	890	241	374	930
03-05	59.1	10.123	930	7	886	263	345	930
06-08	58.7	10.420	930	12	882	273	343	930
09-11	61.2	10.254	930	6	898	221	462	930
12-14	61.6	9.950	930	7	895	202	455	930
15-17	61.1	10.118	930	18	893	188	434	930
18-20	60.4	10.068	928	15	884	210	406	930
21-23	60.0	9.886	927	10	882	230	383	930
ALL HOURS	60.2	10.167	7435	81	7110	1828	3202	7435

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	65.6	9.121	10959	23	10823	1464	7185	10959
03-05	65.1	9.353	10959	26	10809	1599	7002	10959
06-08	65.4	9.733	10959	34	10783	1638	7072	10959
09-11	67.0	9.458	10958	27	10823	1300	7749	10958
12-14	67.0	9.277	10956	28	10808	1230	7733	10956
15-17	66.5	9.196	10957	54	10788	1230	7606	10957
18-20	66.0	8.932	10957	39	10814	1315	7330	10957
21-23	65.9	8.902	10954	28	10817	1387	7268	10954
ALL HOURS	66.1	9.274	87659	259	86465	11163	58945	87659

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN

HOURS LST	10%	20%	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO							90%	MEAN	TOTAL OBS
			30%	40%	50%	60%	70%	80%				
00-02	100.0	100.0	100.0	99.7	98.1	94.0	77.6	51.0	19.7	78.4		930
03-05	100.0	100.0	100.0	99.7	98.0	95.2	83.8	60.1	21.3	80.1		930
06-08	100.0	100.0	100.0	99.8	99.1	95.7	85.8	60.6	22.9	80.7		930
09-11	100.0	100.0	99.9	98.6	93.8	79.1	53.2	22.2	6.1	70.0		930
12-14	100.0	99.9	97.8	91.1	79.8	53.5	25.4	6.3	1.8	60.1		930
15-17	100.0	99.6	95.6	87.6	76.2	54.2	25.1	6.5	1.7	59.3		930
18-20	100.0	99.9	98.6	95.5	89.4	79.4	56.8	22.6	6.6	69.4		930
21-23	100.0	100.0	100.0	99.1	95.3	88.6	72.4	38.8	15.4	75.5		930
ALL HOURS	100.0	99.9	99.0	96.4	91.2	80.0	60.0	33.5	11.9	75.5		7440

MONTH: FEB

00-02	100.0	100.0	100.0	99.5	98.5	93.6	81.4	52.2	22.7	79.2		849
03-05	100.0	100.0	100.0	99.8	98.6	96.5	83.7	57.5	26.5	80.6		849
06-08	100.0	100.0	100.0	99.6	98.8	96.8	84.3	57.5	26.7	80.7		849
09-11	100.0	100.0	99.9	98.2	93.2	78.9	53.2	23.4	7.1	70.0		849
12-14	100.0	99.9	97.4	93.3	84.0	59.5	26.1	6.4	.8	61.5		849
15-17	100.0	99.9	96.7	92.8	82.3	61.4	28.0	7.8	2.5	61.8		849
18-20	100.0	100.0	99.1	96.5	92.9	82.0	58.7	24.5	5.2	70.4		849
21-23	100.0	100.0	100.0	99.4	96.6	91.3	74.7	43.9	14.8	76.5		849
ALL HOURS	100.0	100.0	99.1	97.4	93.1	82.5	61.3	34.1	13.3	76.5		6792



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	98.5	92.5	73.5	42.5	13.9	76.7	930
03-05	100.0	100.0	100.0	100.0	98.6	94.9	80.4	49.0	19.7	78.7	930
06-08	100.0	100.0	100.0	99.9	98.7	94.0	78.2	48.4	20.2	78.3	930
09-11	100.0	100.0	99.8	98.1	91.1	71.0	37.4	13.7	2.8	66.0	930
12-14	100.0	100.0	99.0	94.8	82.5	52.9	21.9	5.8	1.2	60.3	930
15-17	100.0	99.9	98.7	95.3	83.4	56.3	22.2	6.7	1.3	60.8	929
18-20	100.0	100.0	99.7	98.0	92.5	76.7	47.6	16.0	4.1	68.1	930
21-23	100.0	100.0	99.8	99.5	97.7	88.5	67.8	31.4	10.2	74.1	930
ALL HOURS	100.0	100.0	99.6	98.2	92.9	78.3	53.6	26.7	9.2	74.1	7439

MONTH: APR

00-02	100.0	100.0	100.0	100.0	99.4	94.7	68.9	30.1	7.2	74.8	900
03-05	100.0	100.0	100.0	100.0	99.9	95.9	75.7	41.0	11.9	77.1	900
06-08	100.0	100.0	100.0	99.9	99.6	94.6	70.8	35.4	9.9	75.4	900
09-11	100.0	100.0	99.7	97.1	87.9	59.1	20.9	4.2	1.1	61.4	900
12-14	100.0	100.0	98.8	91.1	74.6	40.7	10.7	2.2	.2	56.1	900
15-17	100.0	100.0	98.9	91.8	77.3	46.2	12.2	2.7	.1	57.4	900
18-20	100.0	100.0	100.0	97.3	91.0	71.1	32.1	6.8	1.3	64.6	900
21-23	100.0	100.0	100.0	99.9	98.2	89.7	57.2	17.9	3.7	71.3	900
ALL HOURS	100.0	100.0	99.7	97.1	91.0	74.0	43.6	17.5	4.4	71.3	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	100.0	100.0	100.0	96.0	75.3	38.0	11.0	76.9	930
03-05	100.0	100.0	100.0	100.0	100.0	98.1	83.2	45.4	15.8	78.9	930
06-08	100.0	100.0	100.0	100.0	99.9	95.7	74.6	37.0	11.6	76.6	930
09-11	100.0	100.0	100.0	99.5	95.2	74.2	35.5	6.1	1.9	65.8	929
12-14	100.0	100.0	99.6	97.3	90.9	65.2	23.3	4.6	.8	62.7	930
15-17	100.0	100.0	99.9	98.0	92.2	68.4	30.3	6.0	1.1	64.2	930
18-20	100.0	100.0	100.0	99.6	97.5	83.5	50.2	15.2	2.6	69.6	930
21-23	100.0	100.0	100.0	100.0	99.4	93.9	69.4	27.7	7.1	74.6	929
ALL HOURS	100.0	100.0	99.9	99.3	96.9	84.4	55.2	22.5	6.5	74.6	7438

MONTH: JUN

HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	100.0	100.0	99.6	94.4	46.0	8.0	80.0	900
03-05	100.0	100.0	100.0	100.0	100.0	99.8	97.7	56.6	13.4	81.6	900
06-08	100.0	100.0	100.0	100.0	99.9	99.8	91.4	43.6	9.6	79.3	900
09-11	100.0	100.0	100.0	100.0	99.7	91.9	55.0	8.6	1.6	69.8	900
12-14	100.0	100.0	100.0	100.0	98.7	87.4	40.1	7.3	1.1	67.6	900
15-17	100.0	100.0	100.0	100.0	99.2	89.4	47.6	9.8	1.2	69.2	900
18-20	100.0	100.0	100.0	100.0	100.0	97.2	69.9	15.8	1.7	73.4	900
21-23	100.0	100.0	100.0	100.0	100.0	99.6	89.2	31.0	4.6	77.7	900
ALL HOURS	100.0	100.0	100.0	100.0	99.7	95.6	73.2	27.3	5.1	77.7	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	100.0	99.6	88.4	34.3	6.9	78.0	930
03-05	100.0	100.0	100.0	100.0	100.0	100.0	92.4	43.0	9.6	79.9	930
06-08	100.0	100.0	100.0	100.0	100.0	99.8	87.2	33.8	6.1	77.6	930
09-11	100.0	100.0	100.0	100.0	99.7	89.9	38.9	3.9	.1	67.4	930
12-14	100.0	100.0	100.0	100.0	98.6	78.8	27.3	3.4	.5	65.4	929
15-17	100.0	100.0	100.0	100.0	99.5	83.2	33.3	4.8	1.2	66.7	930
18-20	100.0	100.0	100.0	100.0	99.9	94.2	63.9	9.8	1.4	71.4	930
21-23	100.0	100.0	100.0	100.0	100.0	98.7	83.4	25.6	3.5	76.1	930
ALL HOURS	100.0	100.0	100.0	100.0	99.7	93.0	64.4	19.8	3.7	76.1	7439

MONTH: AUG

HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	100.0	100.0	99.9	94.4	38.5	7.8	79.0	930
03-05	100.0	100.0	100.0	100.0	100.0	99.7	94.5	45.7	11.3	80.2	930
06-08	100.0	100.0	100.0	100.0	100.0	99.7	90.6	37.3	8.6	78.4	930
09-11	100.0	100.0	100.0	100.0	100.0	91.4	44.1	7.6	2.6	68.8	930
12-14	100.0	100.0	100.0	100.0	99.4	81.2	24.2	4.5	1.2	65.5	930
15-17	100.0	100.0	100.0	100.0	99.9	86.0	31.0	6.6	2.2	67.1	930
18-20	100.0	100.0	100.0	100.0	99.9	97.4	66.7	15.9	3.5	72.8	930
21-23	100.0	100.0	100.0	100.0	100.0	99.8	87.6	28.4	5.6	76.8	930
ALL HOURS	100.0	100.0	100.0	100.0	99.9	94.4	66.6	23.1	5.3	76.8	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	100.0	100.0	100.0	100.0	97.1	54.2	15.3	81.7	900
03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.1	67.7	21.3	83.6	900
06-08	100.0	100.0	100.0	100.0	100.0	99.9	97.3	59.9	18.8	82.3	900
09-11	100.0	100.0	100.0	100.0	100.0	98.0	70.8	16.7	4.4	72.5	900
12-14	100.0	100.0	100.0	100.0	99.9	90.5	47.6	11.5	3.6	69.5	898
15-17	100.0	100.0	100.0	100.0	99.8	93.8	57.0	12.8	2.3	70.9	899
18-20	100.0	100.0	100.0	100.0	100.0	99.0	84.7	30.3	5.1	76.8	900
21-23	100.0	100.0	100.0	100.0	100.0	100.0	92.3	47.6	10.4	80.0	900
ALL HOURS	100.0	100.0	100.0	100.0	100.0	97.7	80.7	37.6	10.2	80.0	7197

MONTH: OCT

00-02	100.0	100.0	100.0	100.0	100.0	99.6	89.2	54.5	17.7	81.0	930
03-05	100.0	100.0	100.0	100.0	100.0	99.9	93.4	65.1	27.6	83.3	930
06-08	100.0	100.0	100.0	100.0	100.0	99.9	93.0	63.2	26.3	82.9	930
09-11	100.0	100.0	100.0	100.0	99.0	90.9	60.3	17.8	3.4	71.8	930
12-14	100.0	100.0	100.0	99.8	97.3	77.1	35.4	7.7	2.2	66.6	930
15-17	100.0	100.0	100.0	99.8	97.7	83.7	43.9	11.2	3.2	68.3	930
18-20	100.0	100.0	100.0	100.0	99.6	96.1	74.8	27.1	6.9	75.3	930
21-23	100.0	100.0	100.0	100.0	100.0	98.3	82.0	43.2	11.3	78.6	930
ALL HOURS	100.0	100.0	100.0	99.9	99.2	93.2	71.5	36.2	12.3	78.6	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	99.7	97.4	85.6	56.3	20.3	80.2	900
03-05	100.0	100.0	100.0	100.0	100.0	97.3	88.4	63.1	24.7	81.9	900
06-08	100.0	100.0	100.0	100.0	99.7	98.1	88.8	63.3	25.1	81.8	900
09-11	100.0	100.0	100.0	99.7	96.7	87.8	59.3	20.7	5.8	71.5	900
12-14	100.0	100.0	99.8	98.3	91.8	74.3	39.2	8.0	1.4	65.9	900
15-17	100.0	100.0	99.7	98.1	92.9	76.1	43.9	13.4	3.0	67.3	900
18-20	100.0	100.0	100.0	99.8	98.6	88.8	69.3	35.9	9.2	74.9	900
21-23	100.0	100.0	100.0	100.0	100.0	96.9	79.4	47.8	15.6	78.5	899
ALL HOURS	100.0	100.0	99.9	99.5	97.4	89.6	69.2	38.6	13.1	78.5	7199

MONTH: DEC

00-02	100.0	100.0	100.0	99.8	97.0	91.9	77.4	47.3	14.6	77.4	930
03-05	100.0	100.0	100.0	100.0	97.2	92.8	80.6	52.9	17.1	78.7	930
06-08	100.0	100.0	100.0	100.0	98.4	93.1	81.3	53.4	18.8	78.9	930
09-11	100.0	100.0	99.9	98.6	95.3	83.0	52.9	20.2	6.1	70.2	930
12-14	100.0	99.9	98.5	96.3	88.1	76.1	25.6	5.8	.9	62.6	930
15-17	100.0	99.6	97.7	94.8	88.0	69.2	27.0	6.9	2.2	63.3	930
18-20	100.0	100.0	98.9	96.4	94.2	84.7	63.4	24.6	4.6	71.5	928
21-23	100.0	100.0	100.0	98.7	95.6	90.3	74.5	38.9	10.7	75.3	927
ALL HOURS	100.0	99.9	99.4	98.1	94.2	83.9	60.3	31.3	9.4	75.3	7435

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	100.0	99.9	99.3	96.6	83.6	45.3	13.7	78.6	10959
03-05	100.0	100.0	100.0	100.0	99.4	97.5	87.8	53.9	18.3	80.4	10959
06-08	100.0	100.0	100.0	99.9	99.5	97.2	85.3	49.4	17.0	79.4	10959
09-11	100.0	100.0	99.9	99.2	96.0	82.9	48.4	13.7	3.6	68.8	10958
12-14	100.0	100.0	99.3	96.9	90.5	69.0	28.9	6.1	1.3	63.7	10956
15-17	100.0	99.9	98.9	96.5	90.7	72.4	33.4	7.9	1.8	64.7	10957
18-20	100.0	100.0	99.7	98.6	96.3	87.5	61.5	20.3	4.3	71.5	10957
21-23	100.0	100.0	100.0	99.7	98.6	94.6	77.5	35.1	9.4	76.2	10954
ALL HOURS	100.0	100.0	99.7	98.8	96.3	87.2	63.3	29.0	8.7	72.9	87659

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	FFFFFFFFFF
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	FFFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRRR	TT	FFFFFF
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	FFFFFF
PP	AAAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	1018.9	1018.2	1017.2	1016.1	1015.1	1015.9	1017.6	1016.5	1015.0	1015.4	1016.7	1019.2	1016.8
	SD	3.855	3.853	4.428	3.144	2.389	2.233	1.828	2.089	2.463	2.562	3.115	3.035	3.304
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0400	MEAN	1018.2	1017.3	1016.2	1015.2	1014.4	1015.2	1016.8	1015.6	1014.1	1014.6	1016.0	1018.6	1016.0
	SD	3.905	3.864	4.468	3.104	2.383	2.217	1.786	2.074	2.544	2.639	3.140	3.039	3.331
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0700	MEAN	1019.0	1018.2	1017.3	1016.5	1015.6	1016.2	1017.7	1016.6	1015.2	1015.7	1017.0	1019.4	1017.0
	SD	3.985	3.888	4.494	3.092	2.376	2.225	1.800	2.143	2.576	2.678	3.181	3.056	3.316
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1000	MEAN	1020.5	1019.5	1018.5	1017.4	1016.4	1017.0	1018.6	1017.5	1016.3	1016.8	1018.2	1020.9	1018.1
	SD	4.005	3.929	4.605	3.208	2.453	2.268	1.833	2.117	2.562	2.724	3.217	3.059	3.434
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1300	MEAN	1018.7	1018.2	1017.4	1016.4	1015.6	1016.4	1018.0	1016.8	1015.3	1015.3	1016.5	1019.1	1017.0
	SD	4.027	4.019	4.648	3.319	2.583	2.308	1.872	2.175	2.520	2.769	3.263	3.123	3.394
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1600	MEAN	1017.6	1016.8	1016.0	1015.0	1014.3	1015.3	1016.9	1015.6	1014.0	1014.3	1015.6	1018.2	1015.8
	SD	3.940	3.991	4.663	3.355	2.648	2.288	1.862	2.157	2.462	2.802	3.288	3.133	3.410
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1900	MEAN	1018.5	1017.6	1016.6	1015.5	1014.7	1015.6	1017.2	1016.0	1014.7	1015.1	1016.6	1019.2	1016.4
	SD	3.837	3.922	4.530	3.261	2.493	2.202	1.874	2.095	2.445	2.706	3.154	3.078	3.370
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	309	3652
2200	MEAN	1019.5	1018.6	1017.7	1016.7	1015.8	1016.8	1018.3	1017.1	1015.9	1016.2	1017.5	1019.9	1017.5
	SD	3.784	3.938	4.454	3.184	2.425	2.178	1.825	2.117	2.458	2.616	3.116	3.056	3.293
	TOT OBS	310	283	310	299	310	300	309	310	300	310	300	309	3650
ALL HOURS	MEAN	1018.9	1018.0	1017.1	1016.1	1015.2	1016.1	1017.6	1016.5	1015.1	1015.4	1016.7	1019.3	1016.8
	SD	4.000	4.001	4.602	3.300	2.565	2.324	1.932	2.218	2.609	2.791	3.273	3.166	3.431
	TOT OBS	2480	2264	2480	2399	2480	2400	2479	2480	2400	2480	2400	2478	29220

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	30.09	30.07	30.04	30.01	29.98	30.00	30.05	30.02	29.97	29.99	30.02	30.10	30.03
	SD	.114	.114	.131	.093	.071	.066	.054	.062	.073	.076	.092	.090	.098
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0400	MEAN	30.07	30.04	30.01	29.98	29.96	29.98	30.03	29.99	29.95	29.96	30.00	30.08	30.00
	SD	.116	.114	.132	.092	.070	.066	.053	.062	.075	.078	.093	.090	.099
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0700	MEAN	30.09	30.07	30.04	30.02	29.99	30.01	30.05	30.02	29.98	30.00	30.03	30.10	30.03
	SD	.118	.115	.133	.090	.071	.066	.053	.064	.076	.079	.094	.090	.098
	TOT OBS	309	283	310	299	310	300	310	310	300	310	300	310	3651
1000	MEAN	30.14	30.11	30.08	30.04	30.01	30.03	30.08	30.05	30.01	30.03	30.07	30.15	30.07
	SD	.117	.116	.136	.095	.073	.067	.054	.063	.076	.080	.095	.091	.101
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1300	MEAN	30.08	30.07	30.04	30.01	29.99	30.01	30.06	30.03	29.98	29.98	30.02	30.09	30.03
	SD	.119	.118	.137	.098	.077	.068	.056	.065	.075	.082	.096	.092	.100
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1600	MEAN	30.05	30.03	30.00	29.97	29.95	29.98	30.03	29.99	29.94	29.95	29.99	30.07	30.00
	SD	.116	.118	.138	.099	.078	.067	.055	.064	.073	.083	.097	.093	.101
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
100	MEAN	30.08	30.05	30.02	29.99	29.96	29.99	30.04	30.00	29.96	29.98	30.02	30.10	30.02
	SD	.114	.116	.134	.096	.074	.065	.055	.062	.072	.080	.093	.091	.100
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	309	3652
2200	MEAN	30.11	30.08	30.05	30.02	30.00	30.03	30.07	30.04	30.00	30.01	30.05	30.12	30.05
	SD	.112	.116	.131	.094	.072	.064	.054	.063	.073	.077	.092	.091	.097
	TOT OBS	310	283	310	299	310	300	310	310	300	310	300	309	3651
ALL HOURS	MEAN	30.09	30.06	30.04	30.01	29.98	30.00	30.05	30.02	29.98	29.99	30.02	30.10	30.03
	SD	.118	.118	.136	.097	.076	.069	.057	.066	.077	.082	.097	.094	.101
	TOT OBS	2479	2264	2480	2398	2480	2400	2480	2480	2400	2480	2400	2478	29219

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	30.08	30.06	30.03	30.00	29.97	29.99	30.04	30.01	29.96	29.98	30.01	30.09	30.02
	SD	.114	.114	.131	.093	.071	.066	.054	.062	.073	.076	.092	.090	.098
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0400	MEAN	30.06	30.03	30.00	29.97	29.95	29.97	30.02	29.98	29.94	29.95	29.99	30.07	29.99
	SD	.116	.114	.132	.092	.070	.066	.053	.062	.075	.078	.093	.090	.099
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0700	MEAN	30.08	30.06	30.03	30.01	29.98	30.00	30.04	30.01	29.97	29.99	30.02	30.09	30.02
	SD	.118	.115	.133	.090	.071	.066	.053	.064	.076	.079	.094	.090	.098
	TOT OBS	309	283	310	299	310	300	310	310	300	310	300	310	3651
1000	MEAN	30.13	30.10	30.07	30.03	30.00	30.02	30.07	30.04	30.00	30.02	30.06	30.14	30.06
	SD	.117	.116	.136	.095	.073	.067	.054	.063	.076	.080	.095	.091	.101
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1300	MEAN	30.07	30.06	30.03	30.00	29.98	30.00	30.05	30.02	29.97	29.97	30.01	30.08	30.02
	SD	.119	.118	.137	.098	.077	.068	.056	.065	.075	.082	.096	.092	.100
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1600	MEAN	30.04	30.02	29.99	29.96	29.94	29.97	30.02	29.98	29.93	29.94	29.98	30.06	29.99
	SD	.116	.118	.138	.099	.078	.067	.055	.064	.073	.083	.097	.093	.101
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1900	MEAN	30.07	30.04	30.01	29.98	29.95	29.98	30.03	29.99	29.95	29.97	30.01	30.09	30.01
	SD	.114	.116	.134	.096	.074	.065	.055	.062	.072	.080	.093	.091	.100
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	309	3652
2200	MEAN	30.10	30.07	30.04	30.01	29.99	30.02	30.06	30.03	29.99	30.00	30.04	30.11	30.04
	SD	.112	.116	.131	.094	.072	.064	.054	.063	.073	.077	.092	.091	.097
	TOT OBS	310	283	310	299	310	300	310	310	300	310	300	309	3651
ALL HOURS	MEAN	30.08	30.05	30.03	30.00	29.97	29.99	30.04	30.01	29.97	29.98	30.01	30.09	30.02
	SD	.118	.118	.136	.097	.076	.069	.057	.066	.077	.082	.097	.094	.101
	TOT OBS	2479	2264	2480	2398	2480	2400	2480	2480	2400	2480	2400	2478	29219

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	GGGGGG
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	GGGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	RRRRRRRR	TT	GG
PPPPPPPP	AAAAAAAAA	RRRRRRR	TT	GG GGGG
PP	AAAAAAAAA	RR RR	TT	GG GGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGGG
PP	AA AA	RR RR	TT	GGGGGG

PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 053-233

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3	.1		930	.3			930	.4			930	1.3			930
CATEGORY B	1.5	.4	.1	983	1.2	.3	.1	985	1.3	.5	.1	991	5.0	.8	.2	968

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.0			930	.4			930	.4			930				930
CATEGORY B	7.6	1.7	.7	973	4.0	.7	.1	972	2.3	.5	.2	974	1.2	.1		956

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.7			4650	.5	.0		7440
CATEGORY B	4.0	.9	.3	4878	3.0	.6	.2	7802

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 053-233

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1			849	.1			849	.1			849	.9			849
CATEGORY B	1.4	.3		882	1.0	.2		898	1.8	.3		923	6.3	.9	.2	904

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	2.7			849	.8			849				849				849
CATEGORY B	9.1	3.4	.5	683	5.9	1.5	.1	877	1.8	.2		866	1.4	.2		870

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.9			4245	.6			6792
CATEGORY B	5.0	1.3	.2	4453	3.6	.9	.1	7103

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 053-233

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.2			930				930				930	2.0	.1		930
CATEGORY B	2.3	.5		959	2.3	.4		967	2.9	.6	.2	1017	10.4	3.2	.4	999

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	2.4			930	1.5	.1		930	.2			930	.1			930
CATEGORY B	12.2	3.0	.3	1000	8.0	2.7	.6	964	2.4	.6	.2	969	1.0	.2		947

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.2	.0		4650	.8	.0		7440
CATEGORY B	7.2	2.0	.3	4949	5.2	1.4	.2	7822



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 053-233

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1			900	.1			900	.1			900	1.7			900
CATEGORY B	2.1			903	1.8	.4	.2	923	2.2	.5		926	7.7	3.3		908

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.9	.1		900	.3			900				900	.2			900
CATEGORY B	8.9	2.0	.2	919	5.1	.8		913	1.1	.1		906	1.4	.4		912

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.6	.0		4500	.4	.0		7200
CATEGORY B	5.0	1.3	.0	4572	3.8	.9	.1	7310

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 053-233

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				930				930				930				930
CATEGORY B	.7			972	.4			977	.8	.1		977	2.6	.3		991

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				930				930				930				930
CATEGORY B	2.4	.2		1013	1.1	.2		968	.3			953	.1			968

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				4650				7440
CATEGORY B	1.5	.2		4902	1.1	.1		7819

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 053-233

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				900				900				900	.1			900
CATEGORY B	.1			940	.3			936	.1			953	.7	.1		1007

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				900				900	.1			900				900
CATEGORY B	.8	.1		1011	.8	.2	.2	1005	.4	.2		963	.2			927

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.0			4500	.0			7200
CATEGORY B	.6	.1	.0	4939	.4	.1	.0	7742

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 053-233

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				930				930				930	.1			930
CATEGORY B	1.0			963	.3			969	.7	.1		974	2.2	.3		1015

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				930				930				930				930
CATEGORY B	2.0	.4	.1	1042	1.2			1016	.5	.1		977	.5	.1		972

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.0			4650	.0			7440
CATEGORY B	1.3	.2	.0	5024	1.1	.1	.0	7928

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 053-233

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				930				930				930				930
CATEGORY B	.5			972	.8	.1	.1	975	.3	.1		990	.7			1004

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				930	.3	.1		930				930				930
CATEGORY B	1.0	.2	.1	993	.7	.3	.2	998	.7			972	.7	.1		980

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1	.0		4650	.0	.0		7440
CATEGORY B	.7	.1	.1	4957	.7	.1	.1	7884

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 053-233

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1			900	.2	.1		900	.2			900	.2			900
CATEGORY B	1.0	.2		938	.6	.3	.3	938	.9	.1		930	3.0	.3		973

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1			900				900	.1			900				900
CATEGORY B	2.2	.3	.1	984	1.1	.2		967	.3	.1		929	.4	.2		923

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1			4500	.1	.0		7200
CATEGORY B	1.5	.2	.0	4783	1.2	.2	.1	7582

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 053-233

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				930				930				930	.1			930
CATEGORY B				965				977	.2	.1		988	.5	.2	.2	968

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1			930				930	.2	.1	.1	930	.1			930
CATEGORY B	.1			967	.2	.1	.1	972	.5	.3	.2	956	.2			965

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1	.0	.0	4650	.1	.0	.0	7440
CATEGORY B	.3	.1	.1	4851	.2	.1	.1	7758

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 053-233

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LT TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				900				900	.1			900	.2			900
CATEGORY B	.6	.1		953	1.4	.2		938	.9	.1		951	2.6	.4		949

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				900	.1			900	.1			900				900
CATEGORY B	3.0	.2		951	1.7	.2		954	.7	.2		918	.7	.1		934

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1			4500	.1			7200
CATEGORY B	1.8	.2		4723	1.5	.2		7548



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 053-233

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				930				930				930	.4			930
CATEGORY B	.5	.1		983	.4			971	1.3			990	2.6	.3		988

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.8	.1		930	.1			930				928				927
CATEGORY B	3.9	.8		983	1.5	.1		951	.7			959	.8	.1		953

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3	.0		4648	.2	.0		7435
CATEGORY B	2.0	.2		4871	1.5	.2		7778

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 053-233

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1	.0		10959	.1	.0		10959	.1			10959	.6	.0		10959
CATEGORY B	1.0	.1	.0	11413	.9	.2	.1	11454	1.1	.2	.0	11610	3.6	.8	.1	11674

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.6	.0		10959	.3	.0		10959	.1	.0	.0	10957	.0			10956
CATEGORY B	4.4	1.0	.2	11719	2.6	.6	.1	11557	1.0	.2	.1	11342	.7	.1		11307

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3	.0	.0	54793	.2	.0	0	87667
CATEGORY B	2.5	.6	.1	57902	1.9	.4	.1	92076

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	HH	HH
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPP	AA AA	RRRRRRRR	TT	HHHHHHHH	HH
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	HHHHHHHH	HH
PP	AAAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

## PART H

### DEGREE DAY SUMMARIES

#### DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (\*\*\*\*) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

#### HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES\* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

#### COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES\* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

\*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS  
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL  
LST TO UTC: + 5

PERIOD OF RECORD: JUL 56 - DEC 88

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1956											37	48	85
1957	23	1	18									67	109
1958	105	184	29									25	343
1959	75		16	1							23	30	145
1960	86	58	61									51	256
1961	72	23	9	2								59	165
1962	54	5	27	1							24	116	227
1963	47	48	5	1							21	89	211
1964	59	69	6	2								4	140
1965	61	28	25									18	132
1966	70	40	16								23	43	192
1967	28	39										10	77
1968	34	71	42								33	84	264
1969	17	46	46								19	56	184
1970	111	66	27								29	19	252
1973	45	73	4	3							1	85	211
1974		53	1								1	36	91
1975	18	2	12								29	42	103
1976	83	26									3	31	143
1977	162	55	4								2	53	276
1978	95	82	18										195
1979	60	61	9								6	11	147
1980	46	84	27								8	52	217
1981	162	23	18									61	264
1982	60	2	4									16	82

1983		38	25	31	2		4	60	160
1984		59	31	17			10	13	130
1985		110	52		1			58	221
1986		58	15	46					119
1987		70	11	2	12		1	27	123
1988		41	32	24				27	124
MEAN		64	43	18	0		8	41	
SD		38.03	36.68	15.80	2.26		12.09	28.46	

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS  
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 722026

STATION NAME: HOMESTEAD AFB FL

PERIOD OF RECORD: JUL 56 - DEC 88

LST TO UTC: + 5

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1956							553	563	473	409	187	199	2384
1957	173	222	197	356	434	493	545	546	509	363	303	114	4255
1958	45	52	194	312	420	537	578	582	540	393	371	170	4194
1959	147	303	232	324	435	505	531	544	488	503	307	129	4448
1960	150	144	146	304	363	498	570	573	519	476	326	100	4169
1961	99	184	306	295	432	508	589	584	515	401	283	211	4407
1962	178	187	177	248	348	428	544	538	480	397	141	76	3742
1963	109	63	247	268	349	458	547	539	492	349	215	40	3676
1964	133	86	278	326	366	460	533	556	501	364	293	213	4109
1965	127	182	248	311	376	439	478	534	514	398	266	138	4011
1966	106	144	165	253	420	443	538	554	514	438	198	93	3866
1967	192	126	242	284	411	436	549	520	495	404	255	248	4162
1968	134	63	122	308	384	470	561	607	585	400	181	129	3944
1969	115	78	135	353	465	537	530	516	496	462	182	79	3948
1970	84	43	189	335	369	468	552	600	549	507	214	208	4118
1973	179	54	233	263	397	426	476	473	468	397	316	138	3820
1974	270	109	271	272	99	424	490	506	481	340	226	131	3919
1975	205	194	239	338	403	452	481	576	545	451	263	167	4314
1976	82	122	500	278	441	449	567	546	462	379	233	141	4000
1977	53	95	295	283	381	511	554	584	530	364	274	188	4112
1978	105	54	166	291	451	526	568	558	519	431	332	265	4266
1979	115	100	170	355	394	496	551	531	511	415	293	160	4091
1980	138	65	280	335	455	525	611	588	516	453	271	132	4369
1981	10	161	135	318	387	492	588	589	483	405	191	167	3926
1982	140	221	272	336	402	497	564	560	497	381	277	277	4424

1983		135	106	122	226	397	476	592	618	560	519	272	259	4282
1984		101	153	212	256	422	453	522	544	455	411	214	246	3989
1985		76	168	312	322	467	562	520	594	480	494	330	134	4459
.....														
1986		108	165	208	260	452	523	602	600	569	499	457	328	4771
1987		116	202	293	229	478	579	628	652	563	381	350	200	4671
1988		154	124	219	307	361	478	564	571	578	441	390	190	4377
.....														
MEAN		125	132	220	298	408	484	550	562	512	420	271	170	
SD		51.22	63.11	58.71	37.04	36.73	41.18	37.20	36.24	34.86	49.41	69.73	66.15	



A W S CLIMATIC BRIEF  JAN 90	STATION NAME: HOMESTEAD AFB FL	FIELD ELEV: 7 FT
	LATITUDE/LONGITUDE: 25 29 N 080 23 W	STATION MSC: 722026
	HOURLY OBS POR: JAN 79 - DEC 88	CALL SIGN: KHST
	SUMMARY OF DAY POR: FEB 43 - SEP 44, JUN 56 - DEC 88	SUPERSEDES: SEP 84
	HOURS SUMMARIZED: 0000 - 2300 LST	
	LST TO UTC: +05	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	85	88	90	93	94	98	97	96	94	92	89	88	98	33
MEAN MAX TEMP (F)	74	75	78	81	84	86	88	88	87	84	79	76	82	33
MEAN TEMP (F)	67	68	71	7	78	81	82	83	82	78	73	69	76	33
MEAN MIN TEMP (F)	59	60	64	68	72	75	76	77	76	72	67	62	69	33
EXTRM MIN TEMP (F)	28	37	39	45	56	65	67	68	64	53	40	35	28	33
D/W TEMP GE 90 (F)	0	0	#	1	1	4	6	8	4	1	0	0	25	33
D/W TEMP GE 85 (F)	#	1	2	6	13	22	29	30	26	13	2	1	145	33
D/W TEMP LT 65 (F)	21	19	14	7	1	0	0	0	#	2	9	17	90	33
D/W TEMP LT 55 (F)	9	7	4	1	0	0	0	0	0	#	2	7	30	33
HEATING DEGREE DAYS	64	43	18	#	0	0	0	0	0	0	8	41	174	33
COOLING DEGREE DAYS	125	132	220	298	408	484	550	562	512	420	271	170	4152	33
MEAN DEWPOINT TEMP (F)	56	59	60	62	68	72	73	74	74	70	66	60	66	10
MEAN WET BULB TEMP (F)	60	63	65	67	71	75	76	76	76	73	69	64	70	10
99.95% WCPA (FT)	200	250	300	200	200	150	50	100	200	200	200	150	200	10
MEAN REL HUM 07 LST(%)	80.7	80.7	78.3	75.4	76.6	79.3	77.6	78.4	82.3	82.9	81.8	78.9	79.4	10
MEAN REL HUM 13 LST(%)	60.1	61.5	60.3	56.1	62.7	67.6	65.4	65.5	69.5	66.6	65.9	62.6	63.7	10
MAX 24HR PRECIP (IN)	4.48	2.40	7.38	5.36	8.20	6.03	3.61	5.94	8.68	6.21	5.54	2.76	8.68	33
MAX PRECIP (IN)	7.87	6.69	11.43	8.29	23.32	20.65	13.71	20.13	23.53	14.27	11.05	5.24	87.52	33
MEAN PRECIP (IN)	1.90	1.99	2.35	2.29	6.83	9.69	6.83	7.13	8.56	6.39	2.75	1.63	59.10	33
MIN PRECIP (IN)	.11	#	.17	.05	.08	2.76	1.65	1.89	2.24	.52	.07	.13	34.28	33
D/W PRECIP GE .01 (IN)	7	6	6	5	11	15	16	16	18	12	8	6	126	33
D/W PRECIP GT .50 (IN)	1	1	1	1	4	5	4	4	5	4	2	1	33	33
MAX 24HR SNFL (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	33
MAX SNFL (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	33
MEAN SNFL (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	33
D/W SNFL GE .1 (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	33
D/W SNFL GE 1.5 (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	33
MAX DLY SNO DEPTH (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	33
PRVLNG WND DIR (DEG)	\$35-01	\$08-10	08-10	08-10	08-10	\$08-10	\$08-10	\$08-10	\$08-10	05-07	05-07	\$08-10	\$08-10	10
MEAN WND SPD (KTS)	5	6	6	6	5	4	4	4	4	5	6	5	5	10
MAX WND SPD (KTS)	62	39	48	48	55	49	45	50	120	69	49	39	120	32
SKY COVER GT 5/10 (%)	38.0	39.7	36.0	32.9	37.0	49.3	48.0	49.6	51.0	35.6	37.0	39.4	41.4	10
D/W THUNDERSTORMS	1	1	2	2	8	14	15	16	13	5	1	1	79	39
D/W FOG (VSBY LT 7 MI)	11	9	8	6	5	3	1	1	3	6	9	8	70	39

LEGEND: ANN = ANNUAL

D/W = MEAN NUMBER OF DAYS WITH

& = BASED ON LESS THAN FULL MONTHS

\*\* = INSTANTANEOUS PEAK WINDS

\* = DATA NOT AVAILABLE

POR/YOR = PERIOD/YEARS OF RECORD

WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE

# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE

\$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	5.5	4.0	3.9	1.6	1.7	2.3	1.2	1.3	2.7	1.7	4.1	5.4	2.9	10
	03 - 05	9.0	7.4	6.0	3.9	3.1	1.7	1.4	2.0	2.3	3.4	5.9	8.7	4.6	10
	06 - 08	9.2	9.5	6.7	5.3	3.8	1.8	1.3	2.5	1.7	2.4	6.2	8.6	4.9	10
	09 - 11	5.2	7.1	7.3	3.8	4.6	3.9	2.5	3.2	2.7	1.8	4.6	6.3	4.4	10
	12 - 14	4.9	4.9	6.5	3.3	3.7	4.4	1.8	2.3	3.1	2.9	5.0	4.7	4.0	10
	15 - 17	4.8	3.9	6.0	2.3	1.8	4.3	1.7	2.0	2.9	2.4	3.8	3.7	3.3	10
	18 - 20	4.5	3.2	3.1	2.3	2.7	2.4	1.6	2.4	2.6	2.0	4.1	4.0	2.9	10
	21 - 23	4.1	3.1	2.2	2.4	1.2	2.1	1.1	1.3	2.3	1.7	3.3	3.3	2.3	10
	ALL	5.9	5.4	5.2	3.1	2.8	2.9	1.6	2.1	2.5	2.3	4.6	5.6	3.7	10

CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	4.0	1.8	.5	.7	.5	.3	.2	.3	.9	1.1	1.9	3.0	1.3	10
	03 - 05	7.2	4.2	1.9	2.7	1.3	.6	.2	.0	1.1	2.0	2.8	5.8	2.5	10
	06 - 08	7.6	6.2	3.1	3.2	1.3	.4	.4	1.0	.9	1.4	3.3	6.2	2.9	10
	09 - 11	3.1	3.4	2.0	.9	1.4	.9	.6	1.3	.7	.6	2.4	4.0	1.8	10
	12 - 14	2.3	1.5	1.3	.3	.5	.8	.2	.6	1.0	.5	.9	2.0	1.0	10
	15 - 17	2.0	1.6	.9	.3	.0	1.3	.6	.8	1.1	.6	1.3	2.3	1.1	10
	18 - 20	2.2	1.5	.6	.9	.6	.7	.2	.4	.4	.3	1.7	1.9	.9	10
	21 - 23	1.8	.9	.5	.6	.4	.8	.2	.4	.3	.4	1.8	1.4	.8	10
	ALL	3.8	2.7	1.4	1.2	.8	.7	.3	.6	.8	.9	2.0	3.3	1.5	10

CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	2.5	1.5	.4	.3	.1	.2	.1	.3	.1	.4	.8	3.0	.8	10
	03 - 05	5.5	3.5	1.5	2.3	1.1	.1	.1	.0	.2	1.3	1.7	4.9	1.8	10
	06 - 08	6.3	4.9	2.2	2.1	.8	.0	.3	.4	.4	1.1	2.6	4.9	2.2	10
	09 - 11	2.3	2.6	.9	.3	.5	.1	.4	.8	.2	.4	1.2	2.9	1.0	10
	12 - 14	1.0	.4	.5	.3	.2	.6	.1	.3	.6	.1	.2	1.1	.4	10
	15 - 17	.8	.8	.2	.2	.0	.7	.3	.2	.7	.3	.4	1.5	.5	10
	18 - 20	.6	.2	.3	.2	.2	.2	.1	.1	.2	.1	.9	1.3	.4	10
	21 - 23	1.0	.4	.2	.3	.2	.6	.2	.2	.2	.4	1.0	1.3	.5	10
	ALL	2.5	1.8	.8	.8	.4	.3	.2	.3	.3	.5	1.1	2.6	1.0	10

CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	.4	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	10
	03 - 05	1.3	2.1	.9	.9	.3	.0	.0	.0	.0	.1	.3	1.2	.6	10
	06 - 08	2.0	2.2	.6	.3	.2	.0	.0	.0	.1	.1	.8	1.0	.6	10
	09 - 11	.2	.4	.0	.0	.1	.0	.0	.2	.0	.0	.0	.1	.1	10
	12 - 14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
	15 - 17	.0	.1	.0	.0	.0	.1	.1	.0	.2	.0	.0	.0	.0	10
	18 - 20	.0	.0	.0	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0	10
	21 - 23	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	10
	ALL	.5	.7	.2	.2	.1	.0	.0	.0	.1	.0	.1	.3	.2	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1900 - 1986:

HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/1	0/0	0/0	0/0	1/1	0/1	4/5	8/1	12/4	0/0	0/0	25/13
120NM	0/0	0/1	0/0	0/0	0/1	1/2	2/2	11/10	13/8	14/8	0/0	0/0	41/32
240NM	0/0	0/1	0/0	0/0	1/2	5/8	4/6	21/29	19/21	21/25	4/3	0/0	75/95

REMARKS : NONE

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